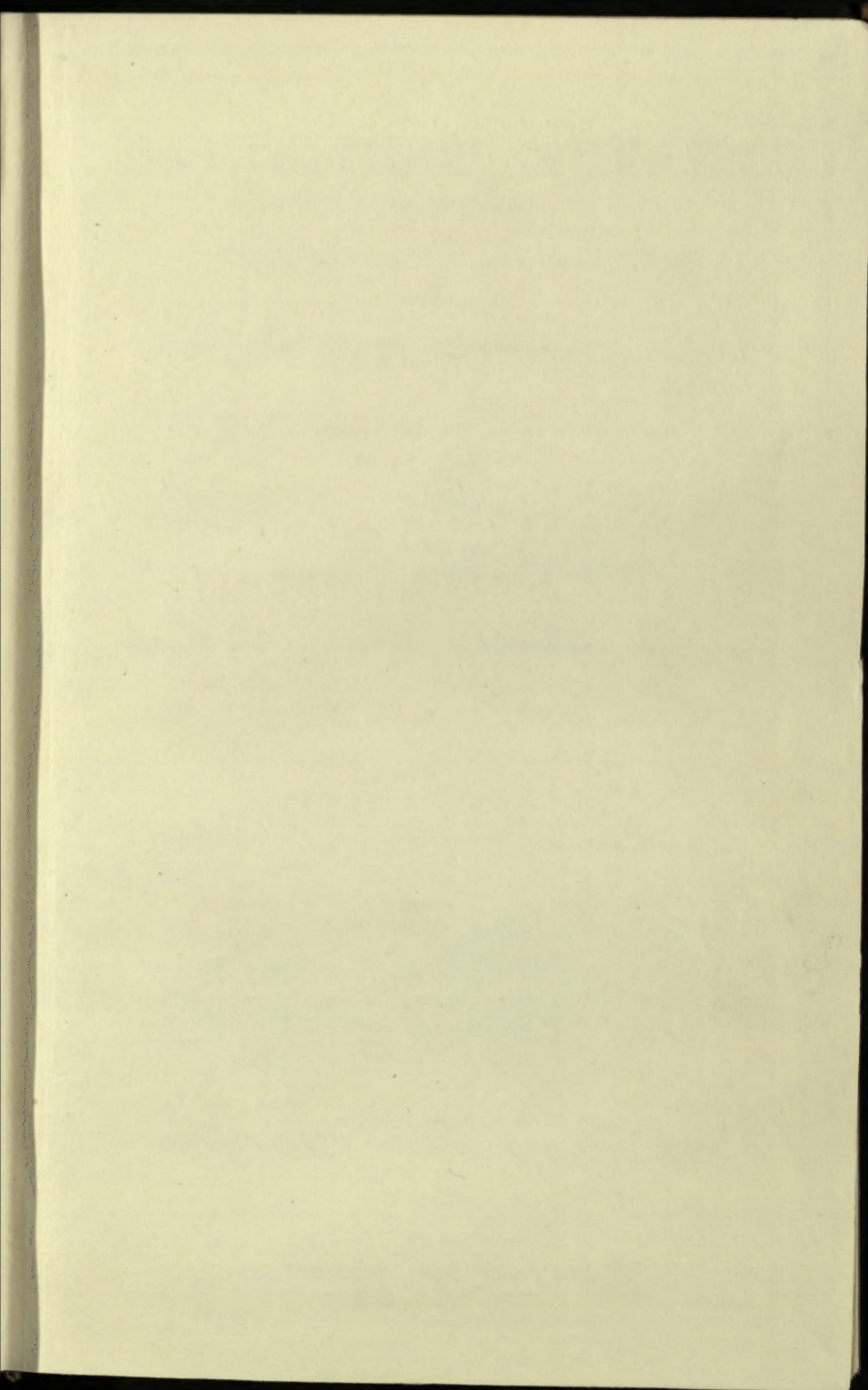


EX 1857.155

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~~AT~~

Almanac

EX. 1857. 157

THE
EXHIBITORS' ALMANAC

For 1852,

BEING DISSEXTILE, OR LEAP YEAR;

CONTAINING THE

CALENDAR; MOON'S CHANGES; AND ECLIPSES;

AN

ALPHABETICAL LIST OF THE PRIZEHOLDERS

OF THE

GREAT EXHIBITION,

Giving their Names and Localities,

A

DESCRIPTION OF THE ARTICLES FOR WHICH PRIZES WERE AWARDED,

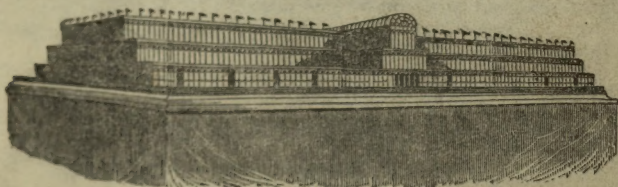
AND THE

CLASSES IN WHICH THEY WERE EXHIBITED;

THE WHOLE FORMING A COMPLETE AND PERFECT RECORD OF THE

CRYSTAL PALACE.

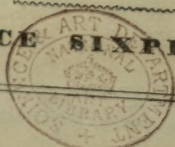
Together with a Mass of Useful Information, and the Ordinary Contents of an Almanac.



LONDON:
SIMPKIN, MARSHALL, AND Co., STATIONERS' HALL COURT.

1852.

PRICE SIX PENCE.



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THE
EXHIBITORS, ALMANAC
FOR 1855
OF THE
GREAT EXHIBITION

LONDON

PRINTED BY JACKSON AND COOPER,

190, HIGH HOLBORN.

CRYSTAL PALACE.

SOLE AGENTS, MARSHALL AND CO. STATIONERS, HAILEY CO.

1855

PRICE SIX PENCE.

THE EXHIBITORS' ALMANAC, &c.

THE Compiler of the following pages is fully sensible of the necessity of apologizing for the imperfections the Almanac and the Alphabetical Lists may be found to contain. The sources, whence the information has been derived, were, from their magnitude, naturally liable to errors: thus the Official Catalogues, numbering more than a million of articles, could not be expected to be free from mistakes; and the Gazetted lists of more than three thousand names of the recipients of Medals and other Rewards, produced and printed within a week after the close of the Great Exhibition, were, in a minor degree, subject to the same casualty. The Compiler undertook the very laborious work of reducing the various elements at his disposal into a compact form and alphabetical order, so as to render the valuable information, spread over a large number of costly publications, at once easy of reference, and at a price within the means of all classes who were interested in the Industrial Congress of All Nations; and with the impression that their Name is Legion, he launches his "labour of love" to that success and popularity which it may be found to deserve, merely premising, that, where "England" and an address are given, "London" is to be understood; that he shall be happy to receive any corrections and improvements, for future editions of his work, should they be called for; and that the same opportunity will be taken for rectifying any typographical errors which may disfigure his pages.

London, 190, High Holborn,

January 1, 1852.

THE EXHIBITORS' ALMANAC.

SOVEREIGNS OF EUROPE, THEIR ACCESSION, &c.

Kingdoms, &c.	To whom subject.	When born	Began to reign.
England, &c.	VICTORIA	May 24, 1819	June 20, 1837
France, &c.	Republic	1848	
Russia	Nicholas . (o. s.)	July 7, 1796	Dec. 1, 1825
Spain	Isabella II.	Oct. 10, 1830	Sept. 29, 1833
Portugal	Maria da Gloria	April 4, 1819	May 2, 1826
Prussia	Frederic William IV.	Nov. 15, 1795	June 7, 1840
Netherlands	William III.	Feb. 19, 1817	March 1849
Belgium	Leopold	Dec. 16, 1790	July 21, 1831
Denmark	Christian VIII.	Sept. 18, 1786	Dec. 3, 1839
Sweden & Norway	Oscar	July 4, 1799	March 8, 1844
Austria	Francis Joseph.	Aug. 11, 1830	Dec. 2, 1848
Popedom	Pius IX.	May 15, 1792	June 16, 1846
Sardinia	Victor Emanuel	Mar. 14, 1820	Mar. 27, 1849
Naples and Sicily	Ferdinand II.	Jan. 12, 1810	Nov. 8, 1830
Turkey	Abdul Medjid	May 6, 1822	July 1, 1839
Hanover	George	May 27, 1819	Nov. 18, 1830
Greece	Otho	June 1, 1815	Feb. 6, 1832

LIST OF THE QUEEN'S MINISTERS.

First Lord of the Treasury	Lord John Russell
Chancellor of the Exchequer	Rt. Hon. Sir Charles Wood, Bart.
Lord Chancellor	Lord Truro
President of the Council	Marquis of Lansdowne
Lord Privy Seal	Earl of Minto
Secretary of State for the Home Department	Rt. Hon. Sir G. Grey, Bart.
Secretary of State for the Foreign	Earl Granville
Secretary of State for the Colonial	Earl Grey
First Lord of the Admiralty	Sir F. T. Baring, Bart.
President of the Board of Controul	Lord Broughton
Chancellor of the Duchy of Lancaster	Earl of Carlisle
Postmaster General	Marquis of Clanricarde
President of the Board of Trade	Rt. Hon. H. Labouchere
Secretary at War	Rt. Hon. Fox Maule

The above form the CABINET.

Commander in Chief of the forces	Duke of Wellington
Chief Commissioner of Woods and Forests	Lord Seymour
Master General of the Ordnance	Marquis of Anglesea
Master of the Mint	Sir John F. W. Herschell Bart.
Paymaster of the Forces	
Vice President of the Board of Trade	
Judge Advocate General	Rt. Hon. Sir David Dundas
Attorney General	Sir A. J. E. Cockburn
Solicitor General	Sir W. Page Wood
Lord Advocate of Scotland	James Moncrief, Esq.
Solicitor General for Scotland	George Deas Esq.

THE MINISTRY OF IRELAND.

Lord Lieutenant	Earl of Clarendon
Lord Chancellor	Rt. Hon. Maziere Brady
Chief Secretary	Rt. Hon. Sir. W. Somerville
Commander of the Forces	Rt. Hon. Sir E. Blakeney
Attorney General	J. Hatchell, Esq.
Solicitor General	H. G. Hughes Esq.

OFFICERS OF STATE.

Earl Marshal and Master of the Horse	Duke of Norfolk
Lord Great Chamberlain	Lord Willoughby D'Eresby
Lord Chamberlain	Marquis of Bredalbane
Lord Steward of the Household	Marquis of Westminster
Mistress of the Robes	Duchess of Sutherland
Vice Chamberlain	Lord Edward Howard
Master of the Buckhounds	Earl of Besborough
Comptroller of the Household	Earl of Mulgrave
Chief Equerry and Clerk Marshal	Lord Alfred Paget
Treasurer of the Household	Lord Marcus Hill

THE EXHIBITORS' ALMANAC.

LAW OFFICERS, JUDGES, &c.

Lord High Chancellor	Lord Truro.
Master of the Rolls ...	Rt. Hon. Sir J. Romilly.
Lords Justice of Court	Rt. Hon. Sir J. L. Knight
of Appeal ...	Bruce.
	Lord Cranworth.
Vice-Chancellors ...	Rt. Hon. Sir George T.
	Turner.
	Rt. Hon. Richard T.
	Kindersley.
	Rt. Hon. James Parker.
	Rt. Hon. Lord Campbell,
	Chief.
Judges of the Queen's	Sir J. T. Coleridge.
Bench ...	Sir Wm. Wightman.
	Sir William Erle.
	Rt. Hon. Sir John Jervis,
	Chief.
Judges of the Common	Sir W. H. Maule.
Pleas ...	Sir Creswell Creswell.
	Sir E. V. Williams.
	Sir T. N. Talfourd.
	Rt. Hon. Sir F. T. Pollock,
	Chief.
Judges of the Exche-	Sir James Parke.
quer ...	Sir E. H. Alderson.
	Sir T. J. Platt.
	Sir Samuel Martin.

BANKRUPTCY COURT.

Vice-Chancellor in } Bankruptcy ...	Rt. Hon. Sir G. T. Turner.
Commissioners of Bank-	Joshua Evans.
ruptcy in London ...	J. S. M. Ponblanque.
	R. G. C. Fane.
	E. Holroyd.
	Mr. Serjeant Goulburn.
Commissioners of Bank-	John Balguy.
ruptcy in Birmingham	Edward R. Daniell.
Commissioners of Bank-	Hen. J. Stephen.
ruptcy in Bristol ...	M. D. Hill.
Commissioner of Bank-	Montague Baker Bere.
ruptcy in Exeter }	H. J. Perry.
Commissioners of Bank-	Richard Stevenson.
ruptcy in Liverpool	W. S. Ayrton.
Commissioners of Bank-	M. J. West.
ruptcy in Leeds ...	W. Skirrow.
Commissioners of Bank-	W. Thomas Jemmet.
ruptcy in Manchester	Nathaniel Ellison.
Commissioner of Bank-	
ruptcy in New-	
castle-on-Tyne ...	

INSOLVENT DEBTORS' COURT.

Commissioners of In-	(H. R. Reynolds, Chief.
solvent's Court ...	C. Phillips.
Provisional Assignee	W. J. Law.
	S. Sturges.

ADMIRALTY COURT.

Judge of the Admiralty	Rt. Hon. S. Lushington.
Queen's Advocate-Gen.	Sir John Dodson.
Admiralty Advocate ...	J. Phillimore.

ECCLIASTICAL COURTS.

VICAR GENERAL'S OFFICE.

Vicar-General ...	Sir John Dodson.
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COURT OF ARCHES.

Official Principal ...	Rt. Hon. Sir H. Jenner
Registrar ...	Fust.
	William Townsend.

PREROGATIVE COURT.

Master ...	Rt. Hon. Sir H. Jenner
	Fust.

FACULTY OFFICE.

Master ...	Sir John Dodson.
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CONSISTORY COURT.

Judge ...	Rt. Hon. S. Lushington.
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BRITISH AMBASSADORS, &c., ABROAD.

America ...	Rt. Hon. Sir H. L. Bulwer.
Austria ...	Earl of Westmoreland.
Bavaria ...	Sir J. R. Milbanke, Bart.
Belgium ...	Lord Howard de Walden.
Brazil ...	Henry Southern, Esq.
Buenos Ayres	Capt. Hon. R. Gore, R.N.
Denmark ...	Rt. Hon. Sir H. W. W. Wynn.
France ...	Marquis of Normanby.
German Con-	
federation ...	Lord Cowley.
Greece ...	Rt. Hon. Thos. Wyse.
Hamburgh ...	Lieut. Col. G. L. Hodges.
Hanover ...	Hon. John Duncan Bligh.
Mexico ...	Charles Bankhead, Esq.
Monte Video	Hon. Fr. Bruce.
Naples ...	Hon. Sir Wm. Temple.
Netherlands	Sir Edw. C. Disbrowe.
New Grenada	Daniel F. O'Leary, Esq.
Persia ...	Lieut.-Col. Justin Sheil.
Peru ...	William Pitt Adams, Esq.
Portugal ...	Rt. Hon. Sir Rd. Pakenham.
Prussia ...	Lord Bloomfield.
Russia ...	Sir George H. Seymour.
Sardinia ...	Hon. Sir R. Abercrombie.
Saxony ...	Hon. Fr. R. Forbes.
Spain ...	Lord Howden.
Sweden ...	Sir Edmund Lyons, Bart.
Switzerland	Dougal Christie, Esq.
Turkey ...	Rt. Hon. Sir S. Canning.
Tuscany ...	James Hudson, Esq.
Venezuela ...	B. H. Wilson, Esq.
Wurtemberg	Sir Alex. Malet, Bart.

FOREIGN AMBASSADORS, &c. IN ENGLAND.

America ...	Hon. Abbott Lawrence.
Austria ...	Count Buol Schauenstein.
Bavaria ...	Baron de Cetto.
Belgium ...	M. Van de Weyer.
Brazil ...	M. de Lisboa.
Costa Rica ...	Don F. Molina.
Denmark ...	
France ...	Count Walewski.
Greece ...	M. Tricoupi.
Hanover ...	Count Kielmansegge.
Mexico ...	Don J. M. Mendoza.
Netherlands	Baron Bentinck.
Peru ...	Don Francisco de Rivero.
Portugal ...	Chev. M. J. Ribeiro.
Prussia ...	Chev. Bunsen.
Russia ...	Baron Brunnow.
Sardinia ...	Marquis d'Azeglio.
Saxony ...	M. Payno.
Spain ...	M. Isturiz.
Sweden ...	Baron Rehausen.
Turkey ...	M. Musurus.
Two Sicilies	Prince Castelricala.

THE EXHIBITORS' ALMANAC.

D. W.	D. M.	D. Y.	First Month.]	JANUARY.	[31 days.
Tu	1	1	Circumcision. Union of England & Ire-		
F	2	2	Burke b, 1730.		[land, 1801.
S	3	3			
S	4	4	Second Sunday after Christmas.		
M	5	5			[Moon (visible.)
T	6	6	Epiphany. Twelfth Day. Total Eclipse of		
W	7	7	Full Moon, 6h. 9m. a.m. Penny Postage		[es. 1840.
Th	8	8	St. Lucian.		
F	9	9	Royal Exchange burnt, 1833.		
S	10	10			
S	11	11	First Sunday after Epiph. Hilary T. beg.		
M	12	12	Plough Monday.		
T	13	13	Cambridge Lent Term begins.		
W	14	14	Oxford Lent Term b. Moon's last quar.,		
Th	15	15			[1 h. 18 m. 10s. a.m.
F	16	16			
S	17	17	Battle of Corunna, 1809.		
S	18	18	Second Sunday after Epiphany.		
M	19	19			
T	20	20	Partial Eclipse of the Sun (invisible).		
W	21	21	New Moon, 7h. 26m. 8s. a.m. American		
Th	22	22			[Independ. declared, 1783.
F	23	23	Duke of Kent d., 1820.		
S	24	24			
S	25	25	Third Sunday after Epiphany.		
M	26	26	Sunday Schools established, 1784.		
T	27	27			
W	28	28	[d., 1820. Moon's first quar. 10h. 34m. a.m.		
Th	29	29	King Henry VIII. d., 1596. George III.		
F	30	30	King Charles I. beheaded, 1649.		
S	31	31	Hilary Term ends.		

PRINCIPAL ARTICLES OF THE CALENDAR.

Golden Number ..	19
Epact ..	9
Solar Cycle ..	13
Dominical Letters ..	D.C.
Roman Indiction ..	10
Julian Period ..	6563

The year 5613 of the Jewish era commences Oct. 14. The Jewish Passover commences.

The Ramadan (Month of Abstinence observed by the Turks) commences, June 19.

The year 1269 of the Mahomedan Era, commences, Oct. 15.

ECLIPSE.

The only eclipse visible in England is that of the Moon on the 6th January, or more properly on the morning of the 7th. It is total, and its phases are as follows—

First contact with the penumbra, 20 m. past 3. First contact with the shadow, 20m. past 4. Disappearance, 20 m. past 5. Middle of the eclipse, 10 m. past 6. Reappearance, 59m. past 6. Last contact with the shadow, 59m. past 7. Last contact with the penumbra, 59m. past 8.

THE GREAT EXHIBITION.

A FEW details are necessary for the proper understanding of the grounds on which the awards of the Prize and Council Medals were made, and the running commentary appended to the Almanac, it is believed will be found at once useful and sufficient for the purpose. The Council of Chairmen were guided in their determinations by a minute of the Royal Commission to the following effect:—‘With reference to the awards of the Council Medal, the Commissioners think it proper to recapitulate the terms of those Decisions, and to explain with somewhat greater minuteness the exact meaning which they intended to attach to them.’ The 107th of the published Decisions of the Commissioners is as follows:—‘It is the intention of the Commissioners to reward excellence in whatever form it is presented, and not to give inducements to the distinctions of a merely individual competition. Although the Commissioners have determined on having three Medals of different sizes and designs, they do not propose to instruct the Juries to award them as first, second, and third in degree for the same class of subjects. They do not wish to trammel the Juries by any precise limitation; but they consider that the Juries will rather view the three kinds of Medals as a means of appreciating and distinguishing the respective characters of the subjects to be rewarded, and not of making distinctive marks in the same Class of Articles exhibited.’ And the 21st Article of the Decisions regarding Juries is this:—‘The three classes of Medals are intended to distinguish the respective characters of subjects, and not as first, second, and third in degree for the same class of subjects.’ The important feature in these Decisions, and that which distinguishes the mode of granting Medals on the present occasion from that usually adopted in the Exhibitions in Foreign Countries, is the announcement that the Medals are not to be awarded ‘as first, second, or third in degree for the same class of subjects.’ It is obvious, therefore, that in the case of manufactured Articles, mere excellence of manufacture, being in other words a mere difference in degree between subjects included in the same class, cannot be rewarded with a Council Medal without a deviation from the principle of this decision. If, however, there is any novelty of invention or adaptation, or any peculiarity in the mode of manu-

THE EXHIBITORS' ALMANAC.

FEBRUARY. [29 Days.]			
D	D.M.	D.Y.	2nd Month.]
S	1	32	Fourth Sund. aft. Epiph. Partridge & pheas.
M	2	33	Purification. Candlemas Day. [shooting o.
T	3	34	St. Blaise.
W	4	35	
Th	5	36	Full Moon, 6h. 32m. 8s. p.m.
F	6	37	King Charles II. d. 1685.
S	7	38	Queen Mary 2. 1515.
S	8	39	Septuagesima Sund. Mary Q. of Scots be-
M	9	40	Union of the Canadas. [headed, 1587.
T	10	41	Queen Victoria married Prince Albert, 1840.
W	11	42	
Th	12	43	Moon's last quarter, 10h. 2m. 5s. a.m.
F	13	44	
S	14	45	Saint Valentine's Day. Old Candlemas Day.
S	15	46	Sexagesima Sunday.
M	16	47	
T	17	48	
W	18	49	Luther d., 1561.
Th	19	50	
F	20	51	New Moon, 54m. 2s. a.m.
S	21	52	Battle of Goojerat, 1849.
S	22	53	Quinquagesima Sunday.
M	23	54	
T	24	55	Shrove Tuesday. St. Matthias.
W	25	56	Ash Wednesday.
Th	26	57	
F	27	58	Hare-hunting ends.
S	28	59	Moon's First Quarter, 5h. 31m. 4s. a.m.
S	29	60	Quadragesima Sunday. First Sund. in Lent.

HOUSES.			
Inhab.	Uninhab.	Building.	Persons.
Encl. & Wales	2,276,973	28,529	17,905,831
Scotland	376,650	11,956	2,870,784
Islands in the British Seas	21,826	1,077	142,916
			66,511
			76,405
The population of Great Britain and the Islands of the British Seas (excluding Ireland) was, in 1841, 18,655,981; in 1851, 20,919,531. Showing an increase in the ten years ending 31st March, 1851, of 2,263,550.			
The returns from the mighty Metropolis (included in the above) were—Houses, inhabited, 367,722; uninhabited, 16,889; building, 4,812. Persons—Males, 1,103,730; Females, 1,257,910; total persons, 2,361,640; showing an increase since 1841, of—persons, 413,271; houses, 51,830. Total population of Ireland—6,513,794.			
POPULATION.			
		Males.	Females.
		8,754,554	9,151,277
		1,363,622	1,507,162

CENSUS OF 1851.

facture, which can also be taken into account, and of which the importance and value shall be judged sufficient, the Council Medal may properly be given. Thus, for example, if a piece of Linen be exhibited of such remarkable excellence as to be at once and by unanimous consent recognized as greatly superior to any other piece of Linen in the whole Exhibition, yet if the ordinary processes only have been employed in its production, and if it be not distinguished by any originality in the design applied to it, it ought not to have a Council Medal, however great may have been the care and labour bestowed upon it. But if, on the other hand, a piece of Linen of very decided excellence should be produced by a new method, exhibiting advantages not hitherto attained, it would be quite within the spirit of the decision in question that such method should be rewarded with a Council Medal. Or again, if a sample of Sugar of extraordinary fineness should be exhibited, if such fineness were the result only of the application of the ordinary processes, with more than ordinary care and skill, it ought not to have the Council Medal; but if a new chemical agent or a new process had been employed with advantage in its production, the process by which it was produced, if sufficiently important, would be eligible to receive it. It is not, however, intended to limit the granting of the Council Medal to cases of production by a new process; such a rule would, of course, not apply where the question of Fine Art was involved. In judging of works of pure art, the Medal will, of course, be given to those cases where the most remarkable and pre-eminent genius has been displayed; and in cases where design is applied to an article of Manufacture, it may sometimes happen that it will be of sufficient originality and importance to justify the grant of a Council Medal as an acknowledgment of the taste displayed. Thus, for instance, a piece of Porcelain or a piece of Tapestry, though they could not receive the Council Medal for the mere excellence of the workmanship, might properly receive it for a very extraordinary and original merit of the design applied to them. And, in like manner, though a Council Medal ought not to be given to a piece of Furniture, of which the principal merit was that it was well made, it might be awarded to it if there was so much beauty in the design as to entitle it to great distinction as a Work of Art. The Commissioners must, however, limit themselves by observing that they would not recognize beauty of design as a sufficient title to a Council Medal, unless applied to an object of some importance. Very great merit might be found in the carving of an umbrella or a pipe, yet it might be thought improper to reward such merit with a Council Medal, on account of the comparative insignificance of the subject. This last observation naturally leads the Com-

THE EXHIBITORS' ALMANAC.

D.W	D.M.	D. Y.	3rd Month.]	MARCH.	[31 Days.
M	1	61	St. David's Day.		
T	2	62			
W	3	63			
Th	4	64			
F	5	65			
S	6	66	Full Moon, 5h. 29m. 9s. a.m.		
S	7	67	Second Sunday in Lent.		
M	8	68	King William III. d., 1702.		
T	9	69			
W	10	70			
Th	11	71	Sir Benjamin West d., 1820.		
F	12	72	Moon's last quarter, 8h. 29m. 3s. p.m.		
S	13	73	Georgium Sidus discovered, 1781.		
S	14	74	Third Sunday in Lent.		
M	15	75	General Jackson b., 1767.		
T	16	76			
W	17	77	St. Patrick's Day.		
Th	18	78	Princess Louisa Caroline Alberta b., 1848.		
F	19	79			
S	20	80	New Moon, 6h. 42m. 6s. p.m. Spring quar.		
S	21	81	Fourth Sund. in Lent. [b. 10h. 42m. a.m.		
M	22	82			
T	23	83			
W	24	84	Queen Elizabeth d., 1603.		
Th	25	85	Lady Day.		
F	26	86	Duke of Cambridge b., 1819.		
S	27	87			
S	28	88	Moon's first quarter, 8h. 49m. 7s. p.m. Fifth		
M	29	89	[Sunday in Lent.		
T	30	90			
W	31	91			

RATES OF POSTAGE.
 All Letters from one part of Great Britain to another are charged, for half-an-ounce, 1d. Exceeding Not exceeding
 1-oz. ... 1-oz. 3d.
 1-oz. ... 2-oz. 4d.
 2-oz. ... 3-oz. 6d.
 And so on, at the rate of 2d. for every additional ounce, or fraction of an ounce.
 Unpaid letters are charged double postage on delivery.
 The Receiving-houses close at 5 33 P.M. ; but letters are received for the evening's dispatch until 6 P.M., with extra penny stamp affixed. The Branch Offices at Charing-cross, Old Cavendish-street, and Blackman-street, Southwark, receive letters until 6 P.M., and until 7 P.M., by affixing an additional stamp.
 Letters for the morning mails must be at the General Post-Office before half-past eight o'clock.
 The EXHIBITORS' ALMANAC, or any single Book or Pamphlet can be sent through the Post-office to any part of the United Kingdom, if not exceeding 16 oz. in weight, and open at both ends, by affixing six Postage Stamps ; if above 16 oz., 1s. ; and 6d. for every additional pound or fraction of a pound.

missioners to offer some remarks upon another point on which it is possible that doubts may arise ; namely, whether the fact of an Exhibitor having incurred great expense in the preparation of an Article for exhibition should entitle him to a Council Medal : as, for instance, in the case of the Exhibitors of valuable Raw products, of specimens of Manufactured Goods remarkable only for the size of the specimens, of very precious Jewels, or of collections of the productions of particular districts. In these cases the Commissioners are decidedly of opinion that the mere fact of a large outlay of money ought not to be regarded as entitling an Exhibitor to receive a Council Medal, though care should, of course, be taken, that his zealous co-operation in promoting the objects of the Exhibition be properly noticed in the Report of a Jury of his Class. In the foregoing remarks the Commissioners have repeatedly spoken of rewarding inventions and new processes. They think it right, therefore, to guard themselves against being supposed to throw upon the Juries the duty of discovering whether each particular object which they mark for reward is actually the invention of the party claiming the merit of it. They can conceive that, in many cases, such an investigation would, under the circumstances, be impossible. In Machinery, particularly, they presume that the Juries will reward an important machine without undertaking to pronounce whether the novelties exhibited in its construction have been originated by the Exhibitor, or have been borrowed or adapted by him from some one else. The test of invention will be satisfied if the Machine be rewarded for its importance and ingenuity, and not for the mere excellence of workmanship. As the Commissioners have referred to the claims of invention, it would appear to be desirable to fix some date beyond which invention should cease to be a claim for the Council Medal. It has not been made a condition in the admission of Articles to the Exhibition that they should be new ; but it would be obviously difficult and inexpedient to discuss claims of invention made many years since. It appears to the Commissioners that, as most European States consider from fourteen to fifteen years a proper period for limiting by patents the use of an invention to the discoverer before it becomes the property of the public, this period would form a limit beyond which the claims of invention should not be admitted. In communicating these remarks to the Council of Chairmen, the Royal Commissioners must again repeat that they are only anxious to obviate the danger of their published Decisions being misunderstood. The responsibility of giving effect to those Decisions must rest with the Council of Chairmen, in whom the control of the separate Juries, and more particularly the duty

THE EXHIBITORS' ALMANAC.

D. M. D. Y.			4th Month.]	APRIL.	[30 days.
Tu	1	92	All Fool's Day.		
F	2	93	Cambridge Lent Term ends.		
S	3	94	Oxford Lent Term ends.		
S	4	95	Palm Sunday. Full Moon, 2h. 23m. 7s. p.m.		
M	5	96	British Museum established, 1753.		
T	6	97	King Richard I. d., 1199. Old Lady Day.		
W	7	98	Fire insurance must be paid.		
Th	8	99	Napoleon abdic., 1814. Maunday Thursday.		
F	9	100	Good Friday.		
S	10	101			
S	11	102	Easter Sunday. Moon's last quar. 8h. 59m.		[3s. a.m.
M	12	103	America dis., 1492. Easter Monday.		
W	13	104	Easter Tuesday.		
Th	14	105	Easter Wednesday.		
F	15	106	Easter Term begins.		
S	16	107			
S	17	108	Battle of Culloden, 1746.		
M	18	109	Low Sunday. First Sunday after Easter.		
M	19	110	New Moon, 11h. 45m. a.m. American war		
T	20	111			[com., 1775.
W	21	112	Oxford and Cambridge Easter Term begins.		
Th	22	113	Duke of Sussex d., 1843.		
F	23	114	St. George's Day.		
S	24	115	Defoe d., 1731.		
S	25	116	Second Sund. aft. East. Prin. Alice b., 1843.		
M	26	117	Hume b. 1711. [Duch. Gloucester b., 1776.		
T	27	118	Moon's first quarter, 8h. 2m. 8s. a.m.		
W	28	119			
Th	29	120	London University founded, 1827.		
F	30	121			

POST OFFICE MONEY ORDERS.

Money Orders are subject to the following rules: Every Money Order must be presented for payment before the end of the second calendar month after that in which it was issued; otherwise a new Order may be necessary, for which a second commission must be paid. If an Order be not presented for payment before the end of the twelfth calendar month after that in which it was issued, the money will not be paid at all. As after once paying a Money Order, by whomsoever presented, the office will not be liable to any future claim, the public are strictly cautioned—Firstly, To take all means to prevent the loss of the Money Order. Secondly, never to send a Money Order in the same letter with the information required on payment thereof. Thirdly, to be careful, on taking out a Money Order, to state correctly the Christian as well as the surname of the person in whose favour it is to be drawn. Fourthly, to see that the name, address, and occupation of the person taking out the Money Order are correctly known to the person in whose favour it is drawn.

of regulating the distribution of the Council Medal, has been specially vested; and the Royal Commissioners would strongly impress upon them the responsibility under which they lie of exercising that control with care and firmness, according to the opinions which they may personally entertain of the merits of the several cases brought before them.

The Juries were originally thirty in number, but two of the classes, the fifth and tenth, were found to be so multifarious, that four additional juries, or rather subdivisions of juries, were amalgamated with the original thirty. Their duty was to determine on the following matters submitted to them:—

- 1 Mining, quarrying, metallurgic operations, and mineral products.
- 2 Chemical and pharmaceutical processes and products.
- 3 Substances used as food.
- 4 Vegetable and animal substances used in manufactures.
- 5 Machines for direct use, including carriages and railway and naval mechanism.
- 6 Carriages, &c.
- 7 Manufacturing machines and tools.
- 8 Civil engineering, architecture and building contrivances.
- 9 Naval architecture and military engineering, ordnance armour, &c.
- 10 Agricultural and horticultural machines and implements.
- 11 Philosophical, musical, horological and surgical instruments.
- 12 Musical instruments.
- 13 Horological instruments, watches and clocks.
- 14 Medical and surgical instruments, &c.
- 15 Cotton.
- 16 Woollen and worsted.
- 17 Silk and velvet.
- 18 Manufactures from flax and hemp.
- 19 Mixed fabrics including shawls.
- 20 Leather, saddlery, boots, shoes, skins, fur, and hair.
- 21 Paper, printing, and bookbinding.
- 22 Wove, spun, felted and wove fabrics, printed or dyed.
- 23 Tapestry floor cloth, lace and embroidery.
- 24 Articles of clothing for immediate, personal, or domestic use.
- 25 Cutlery and edge tools.

THE EXHIBITORS' ALMANAC.

D. W	D. M.	D. Y.	5th Month.]	MAY.	[31 days.	Number of Visitors to the Exhibition,	Admission Total.
S	1	122		Great Industrial Exhibition opened, 1851.		The Exhibition opened by the Queen with great state and solemnity.	
S	2	123		Third Sunday after Easter.		15,560.....£1-560	
M	3	124		Full Moon, 10h. 22m. 7s. p.m.		15,402.....482	
T	4	125					
W	5	126		Napoleon d., 1821.		17,756.....5s.-1,302	
Th	6	127				18,155.....1,438	
F	7	128				1,477.....19,790	
S	8	129		Easter Term ends.		21,072.....2,018	
S	9	130		Fourth Sunday after Easter.		19,614.....1,824	
M	10	131		Moon's last quarter, 11h. 22m. 9s. p.m.		22,178.....1,843	
T	11	132					
W	12	133				21,322.....1,507	
Th	13	134		Old May Day.		23,945.....2,229	
F	14	135				23,390.....2,064	
S	15	136		O'Connell d., 1847.		25,231.....2,426	
S	16	137		Rogation Sunday.		26,030.....2,556	
M	17	138		Trial by Jury instituted, 970.		25,589.....2,472	
T	18	139					
W	19	140		New Moon, 3h. 15m. 1s. a.m. St. Dunstan.		25,120.....2,345	
Th	20	141		Holy Thursday. Ascension Day.		29,243.....3,360	
	21	142				30,249.....3,512	
F	22	143		Trinity Term begins.		31,393.....3,797	
S	23	144		Sunday after Ascension Day.		32,352.....4,095	
M	24	145		Queen Victoria b., 1819.		44,512.....5,078	
T	25	146		Princess Helena Augusta Victoria b., 1846.			
W	26	147		Moon's first quarter, 3h. 38m. 3s. p.m.		25,402.....1s.-920	
Th	27	148		King of Hanover b., 1819. Habeas Corpus [Act passed, 1679.		30,000.....1,347	
F	28	149				40,605.....1,869	
S	29	150		Restoration of K. Charles II. Oxford East.		51,888.....2,375	
S	30	151		Whit Sunday. Pentecost. [Term ends.		45,669 2s.6d.-2,839	
M	31	152		Whit Monday.		28,550.....5s.-1,770	

- 22 Iron and hardware, including locks and grates.
- 23 Works in precious metals, jewellery, &c.
- 24 Glass.
- 25 China, porcelain, earthenware, &c.
- 26 Furniture, paper hangings, &c.
- 27 Manufactures in mineral substances for building, &c.
- 28 Manufactures from animal and vegetable substances.
- 29 Miscellaneous and small wares.
- 30 Sculpture, models and plastic art.

On the close of the Exhibition, Viscount Canning, President of the Council of Chairmen of the Juries, made the following Report on presenting the Awards of the Juries to the Royal Commission:—"Having had the honour of acting as President of the Council of Chairmen of the Juries, it falls to me to lay before your Royal Highness and Her Majesty's Commissioners the Reports of the several Juries upon the subjects submitted to them for examination, and the names of the exhibitors whom they have judged entitled to rewards. In doing so, it will be convenient that I should state briefly the principle upon which, by the authority of Her Majesty's Commissioners, the Juries were constituted. The various subjects included in the Exhibition were divided, in the first instance, into Thirty Classes. Of these, two were subsequently found to embrace fields of action too large for Single Juries, and were therefore divided into Sub-Juries. This increased the number of Acting Juries to Thirty-four. Each of these Thirty-four Juries consisted of an equal number of British subjects and of Foreigners. The British Jurors were selected by Her Majesty's Commissioners from lists furnished by the Local Committees of various towns, each town being invited to recommend persons of skill and information in the manufactures or produce for which it is remarkable. The Foreign Jurors were appointed by authorities in their own countries, in such relative proportion amongst themselves as was agreed upon by the Foreign Commissioners and here to represent their respective Governments. In the event of a Jury finding themselves deficient in technical knowledge of any article submitted to them, they were empowered to call in the aid of Associates. These Associates, who acted as advisers only, without a vote, but whose services were of the greatest value, were

THE EXHIBITORS' ALMANAC.

D.M. D. Y.		6th Month.]	JUNE.	[30 days.	Number of Visitors to the Exhibition.	Admission. Total.
U	1	153	Whit Tuesday.		46,290	1s.—2,129 1 0
W	2	154	Full Moon, 6h. 25m. 7a. a.m. Oxford Trin.		50,629	2,415 2 0
Th	3	155		[Term begins.	54,635	2,500 16 0
F	4	156			55,254	2,566 17 0
S	5	157	Riots in London, 1780.		26,134	2s. 6d.—2,558 11 0
M	6	158	Trinity Sunday.		12,986	5s.—1,523 15 0
Tu	7	159				
W	8	160				
Th	9	161	Moon's last quarter, 3h. 14m. 8s. p.m.		54,194	1s.—2,436 4 0
F	10	162	Corpus Christi.		49,697	2,272 2 0
S	11	163	King George I. d., 1727.		47,754	2,160 19 0
M	12	164	Trinity Term ends.		48,318	2,233 7 0
Tu	13	165	First Sunday after Trinity.		24,520	2s. 6d.—2,206 5 0
W	14	166	Battle of Marengo, 1800.		14,102	5s.—1,634 15 0
Th	15	167	Magna Charta, 1215.			
F	16	168		[of Sun (invisible).	63,760	1s.—2,854 9 0
S	17	169	New Moon, 4h. 47m. p.m. Partial eclipse		68,154	3,191 1 0
Tu	18	170	Battle of Waterloo, 1815.		62,663	2,897 7 0
W	19	171	Turkish Ramadan begins.	[Trinity.	63,863	2,984 12 0
Th	20	172	Access. of Q. Vict., 1837. Sec. Sund. aft.		31,834	2s. 6d.—2,819 4 6
F	21	173	Longest day. Proclam. of Q. Vict., 1837.		12,732	5s.—1,674 10 0
S	22	174		[Sum. Quar. b., 7h. 29m. a.m.		
Tu	23	175			67,555	1s.—3,016 11 0
W	24	176	Midsummer Day. Moon's first quar. 8h. 46m.		68,394	3,186 12 0
Th	25	177		[8s. p.m.	58,445	2,691 14 0
F	26	178	King George IV. d., 1830.		57,781	2,722 10 0
S	27	179	Third Sunday after Trinity.		29,033	2s. 6d.—2,969 6 0
M	28	180	Coronation of Queen Victoria, 1838.		11,501	5s.—1,590 15 0
Tu	29	181	St. Peter.			
W	30	182			52,879	1s.—2,460 16 0

selected either from the Jurymen of other classes, or from lists of persons who had been recommended as Jurors, but who had not been permanently appointed to any Jury. Each Jury was superintended by a Chairman, chosen from its number by Her Majesty's Commissioners. The Deputy Chairman and the Reporter were elected by the Jurors themselves. Such was the constitution of the Thirty-four Juries taken singly. They did not, however, act independently of each other, inasmuch as they were associated into six Groups, each Group consisting of such Juries as had to deal with subjects in some degree of kindred nature; and before any decision of a Jury could be considered as final, it was required that it should be brought before the considered Group of which that Jury formed a part, and that it should be approved by them. The chief object of this provision was that none of the many Foreign Nations taking part in the Exhibition should incur the risk of seeing its interests overlooked or neglected from the accident (an unavoidable one in many instances) of its being unrepresented in any particular Jury. Each Group of Juries received the assistance of a Deputy Commissioner and of a Special Commissioner, appointed by Her Majesty's Commissioners to record its proceedings, to furnish information respecting the arrangements of the Exhibition, and otherwise to facilitate the labours of the Juries composing the Group. It was further determined by Her Majesty's Commissioners, that the Chairmen of the Juries, consisting of British subjects and of Foreigners in equal numbers, should be formed into a Council; and that the duties of the Council should be, to determine the conditions upon which, in accordance with certain general principles previously laid down by her Majesty's Commissioners, the different Prizes should be awarded: to frame rules to guide the working of the Juries, and to secure, as far as possible, uniformity in the result of their proceedings. These are the most important features of the system upon which the Jurors found themselves organized. I will now refer briefly to their course of action. The Council of Chairmen, in proceeding to the discharge of their duties, were met at the outset by a serious difficulty. Her Majesty's Commissioners had expressed themselves anxious at the same time to avoid the recognition of competition between individual exhibitors. They had also decided that the Prizes should consist of three Medals of different sizes; and that these should be awarded, not as first, second, and third in degree for the same class of subjects and merit, but as marking merit of different

THE EXHIBITORS' ALMANAC.

D. W.	D. M.	D. Y.	7th Month.]	JULY.	[31 days.	Number of Visitors to the Exhibition.	Admission Fees.
Th	1	183		Full Moon, 3h. 27m. 7s. p.m. Total eclipse		51,060	1s.—£2,429
F	2	184		Cranmer b., 1489. [of the moon (invisible.)		49,399	2s.—2,363
S	3	185		Dog Days begin.		55,638	2s.—2,631
S	4	186		Fourth Sunday after Trinity.		26,007	2s. 6d.—2,302
M	5	187		Sovereigns first issued, 1817.		11,747	5s.—1,565
T	6	188					
W	7	189				61,670	1s.—2,832
Th	8	190		Duke of Cambridge d., 1830.		65,962	3s.—3,169
F	9	191		Moon's last quar., 8h. 6m. 2s. a.m. Camb.		58,055	2s.—2,710
S	10	192		Oxf. Trin. Term ends. [Trin. Term, ends.		61,492	2s.—2,958
S	11	193		Fifth Sunday after Trinity.		30,667	2s. 6d.—3,148
M	12	194		Erasmus d., 1535.		11,181	5s.—1,389
T	13	195					
W	14	196				62,694	1s.—2,957
Th	15	197		St. Swithin's Day.		74,122	3s.—3,502
F	16	198				60,626	2s.—2,910
S	17	199		New Moon, 4h. 15m a.m.		63,746	3s.—3,023
S	18	200		Sixth Sunday after Trinity.		35,338	2s. 6d.—3,762
M	19	201		Duchess of Mecklenberg b., 1822.		9,327	5s.—1,300
T	20	202					
W	21	203				70,640	1s.—3,338
Th	22	204		Magdalene.		68,161	3s.—3,236
F	23	205		First English newspaper published, 1588.		50,599	2s.—2,438
S	24	206		Moon's first quar., 1h. 1m. 5s. a.m.		47,458	2s.—2,286
S	25	207		Seventh Sun. at Trin. [Duch. of Cambridge		26,882	2s. 6d.—2,964
M	26	208		St. Anne. [b., 1797,		10,399	5s.—1,475
T	27	209		Almanac duty repealed, 1834.			
W	28	210				67,170	1s.—3,194
Th	29	211				68,496	3s.—3,281
F	30	212		Penn d., 1718.		58,382	2s.—2,835
S	31	213		Full Moon, 2h. 11m. 5s. a.m.		57,849	2s.—2,827

kinds and character. The Council of Chairmen found, to their regret, that it would be impossible to lay down any rules for the awarding of the three Medals by the appearance at least of denoting different degrees of success amongst Exhibitors in the same branch of production could be avoided. Accordingly, after fully explaining their difficulty to Her Majesty's Commissioners, they requested, as a course by which it might be materially diminished, that one of the Medals might be withdrawn from the remaining two, they suggested that one, the Prize Medal, should be confined to wherever a certain standard of excellence in production or workmanship had been attained—utility, beauty, cheapness, adaptation to particular markets, and the elements of merit being taken into consideration according to the nature of the object; and they recommended that this Medal should be awarded by the Jury, subject to confirmation by the Groups. In regard to the other and larger Medal, they suggested that the conditions of its award should be some important novel invention or application, either in material, or processes of manufacture, or original combined with great beauty of design; but that it should not be confined to excellence of production or workmanship alone, however eminent: and they recommended that this Medal should be awarded by the Council of Chairmen upon the recommendation of a Jury, supported by its Group. The principle thus determined met the views of Her Majesty's Commissioners, and was subsequently developed by them in a Minute which they communicated to the Council of Chairmen. Its application, however, was not without difficulties, especially as regards the Foreign Jurors. Many of these had taken part in the National Exhibitions of France and Germany; and to them the distinctive character of the two Medals, and the avoidance of all recognition of degrees of merit between the recipients of them, were novel principles, and at variance with their experience; inasmuch as one of the chief purposes of the National Exhibitions of the Continent has been to distinguish various degrees of success attained by rival exhibitors. It was to be expected, therefore, that cases would arise in which the Council Medal, as the higher reward, would be asked for Exhibitors whose claims were only somewhat stronger in degree than those differing in kind from those of others to whom the Prize Medal had been awarded. In such cases it became the duty of the Council of Chairmen to refuse their assent to the award of the Council Medal; without, however, necessarily implying any alleged superiority of the article for which it was demanded. On the other

THE EXHIBITORS' ALMANAC.

D. W.		A.M.	D. Y.	8th Month.]	AUGUST.	[31 days.	Number of Visitors to the Exhibition.	Admission: Total.
S	1		214	Eighth Sunday after Trinity. Lammas Day.			26,897 2s. 6d.—	2,852 2 6
M	2		215				9,725.....5s.—	1,324 10 0
T	3		216				62,631.....1s.—	3,006 18 0
W	4		217				68,069.....3,236	9 0
Th	5		218	Ali Pasha d. 1849.			59,139.....2,833	4 0
F	6		219	Prince Alfred Ernest Albert b. 1844.			60,118.....2,859	16 0
S	7		220	Queen Caroline d. 1821.			18,466 2s. 6d.—	1,920 12 6
S	8		221	Ninth Sund. aft. Trin. Moon's last quar.			18,348.....1,584	15 0
M	9		222				[1h. 25m. 5s. a.m.	
T	10		223				58,634.....1s.—	2,829 19 0
W	11		224	Dog days end.			58,554.....2,826	19 0
Th	12		225	Grouse shooting begins.			47,817.....2,264	10 0
F	13		226	Old Lammas Day.			49,452.....2,386	0 0
S	14		227	Printing introduced into England, 1437.			20,859 2s. 6d.—	2,151 2 6
S	15		228	Tenth Sunday after Trin. New Moon, 1h.			16,741.....1,592	7 6
M	16		229	Dutch Fleet sur. 1796. [57m. 7s. p.m.			51,525.....1s.—	2,506 16 0
T	17		230	Duchess of Kent b. 1786.			57,079.....2,773	16 0
W	18		231				44,567.....2,217	8 0
Th	19		232	Covent Garden Theatre burnt, 1808.			50,482.....2,470	3 0
F	20		233				17,978 2s. 6d.—	1,957 12 6
S	21		234	Black-cock shooting begins.			14,908.....1,434	17 6
S	22		235	Eleventh Sund. aft. Trin. Moon's first quar.			40,021.....1s.—	2,436 14 0
M	23		236	Sir Wm. Wallace exe. [6h. 1m. 5s. a.m.			51,311.....2,493	10 0
T	24		237	St. Bartholomew's Day, massacre, &c. 1572.			38,228.....1,896	1 0
W	25		238				44,244.....2,167	10 0
Th	26		239	Prince Albert b. 1819.			15,590 2s. 6d.—	1,559 17 6
F	27		240	Battle of Algiers, 1816.			13,052.....1,306	15 0
S	28		241	St. Augustine.				
S	29		242	Twelfth Sun. after Trin. Full Moon, 3h.			[6m. 1s. p.m.	
M	30		243					
T	31		244					

some instances have occurred in which they have felt themselves called upon to confer the claim to a Council Medal where the object for which it was claimed showed, in itself, less merit of execution or manufacture than others of its class. It follows, therefore, that the award of a Council Medal does not necessarily stamp its recipient as a better manufacturer or producer than others who have received the Prize Medal. It is rather a mark of such invention, ingenuity, or originality as may be expected to exercise an influence upon industry, more extended, and more important, than could be produced by mere excellence of manufacture. This is to be borne in mind in considering the List of awards which I have the honour to lay before your Royal Highness; and I trust that it will be found that the Juries have succeeded in doing justice to the Exhibitors of every Nation and Class, and that they have not departed in any important degree from the purpose of Her Majesty's Commissioners. One of the first instructions addressed to the Juries by the Council of Chairmen was to the effect that the Prizes should be awarded without reference to the country of the Exhibitors, the Exhibition being considered in this respect as recognizing no distinction of Nations. It is gratifying to add that the Jurors of every country cordially acquiesced in this principle, and that notwithstanding unavoidable differences of opinion, uninterrupted harmony prevailed amongst them throughout the whole course of their labours. It is not too much to hope that the happy influence of this intercourse may extend and endure far beyond the present occasion. It is not necessary that I should detain your Royal Highness and Her Majesty's Commissioners with a recital of the other instructions framed by the Council of Chairmen for the guidance of the Juries, or with a detailed account of their proceedings in the discharge of their own functions. The number of Prize Medals awarded is 2918. The number of Council Medals is 170. It is important to observe that no more than one Medal of either denomination has been allotted to one Exhibitor in the same Class, although he may have contributed to that Class more than one article deserving of reward. The Juries have found it just, in framing their Reports, to make honourable mention of certain Exhibitors whose contributions were not such as to entitle them to receive a Medal. Some have supplied specimens of raw materials, which, although curious and instructive, do not imply any great merit of production on the part of the Exhibitor; and others have furnished articles of manufacture which, without reaching a high degree of excellence, are interesting as examples of the processes, or

THE EXHIBITORS' ALMANAC.

D. W D.M. D. Y. 9th Month.] **SEPTEMBER.** [30 days.

W	1	245	Partridge shooting begins.
Th	2	246	Tea introduced into England, 1666.
F	3	247	Oliver Cromwell <i>d.</i> 1658.
S	4	248	Home <i>d.</i> 1808.
S	5	249	Thirteenth Sunday after Trinity.
M	6	250	Moon's last quarter, 6h. 34m. 4s. p.m.
T	7	251	
W	8	252	
Th	9	253	King William I. <i>d.</i> 1087.
F	10	254	Prince of Wales created Earl of Dublin, 1849.
S	11	255	Lord Marlow <i>d.</i> 1806.
S	12	256	Fourteenth Sunday after Trinity.
M	13	257	New Moon, 10h. 38m. 2s. p.m.
T	14	258	The year 5613 of the Jewish Era begins.
W	15	259	
Th	16	260	King James II. <i>d.</i> 1701.
F	17	261	Siege of Gibraltar ended, 1782.
S	18	262	
S	19	263	Fifteenth Sunday after Trinity.
M	20	264	Moon's first quarter, 1h. 17m. 1s. p.m.
T	21	265	St. Matthew.
W	22	266	Autumn Quarter begins, 9h. 41m. p.m.
Th	23	267	King Charles I. dethroned, 1640.
F	24	268	Don Pedro <i>d.</i> 1834.
S	25	269	
S	26	270	Sixteenth Sunday after Trinity.
M	27	271	Sir R. Taylor <i>d.</i> 1788.
T	28	272	Full Moon, 6h. 24m. 8s. a.m.
W	29	273	Michaelmas Day. Election of Lord Mayor.
H	30	274	St. Jerome.

Number of Visitors to the Exhibition.	Admission to the Exhibition.
50,233... 1s.—	£2,400
49,866.....	2,407
41,917.....	2,000
44,209.....	2,137
15,726 2s. 6d.—	1,300
12,672.....	1,100
56,852..... 1s.—	2,700
58,015.....	2,700
50,106.....	2,395
54,827.....	2,600
17,959 2s. 6d.—	1,800
16,273.....	1,451
60,497..... 1s.—	2,900
62,622.....	3,000
52,757.....	2,501
58,600.....	2,810
21,438 2s. 6d.—	2,200
17,366.....	1,604
59,354..... 1s.—	2,900
60,382.....	2,800
54,540.....	2,700
57,161.....	2,700
23,694 2s. 6d.—	2,415
23,236.....	1,800
68,542..... 1s.—	3,200
69,346.....	3,300

present condition of the trades which they illustrate, Before concluding, I may be allowed to add that it would be difficult duly to estimate the time and labour expended by the Jurors in their endeavour to discharge faithfully the important confided to them. The number of Exhibitors was about 17,000. Of these, who were reckoned but once in the Catalogue, contributed a large variety of objects and came within the province of more than one Jury; whilst in other cases, and even whole countries, were counted as single Exhibitors, although they presented for examination every kind of manufacture and raw produce which their ingenuity and natural resources could furnish. Upon the whole, the task of the Jurors involved the consideration and judgment of at least a million articles: the difficulty attending it being not a little increased by the want of a uniform system of classification of the subjects in some of the foreign divisions, and by unavoidable imperfections in the Catalogue. In these circumstances the Juries can scarcely venture to hope that accidental omissions may not have occurred; but they have the satisfaction of feeling that these, if any, are not attributable to a want of care or diligence on their part. It now only remains for me, in laying the result of our labours respectfully before your Royal Highness and Her Majesty's Commissioners, to offer, on behalf of my Colleagues and myself, our grateful acknowledgment of the honourable confidence which you have placed in us; and to express the hope that we shall be enabled to have fulfilled our trust in a manner worthy of the noble undertaking in which we are proud to have been called upon to bear a part.

The answer of His Royal Highness Prince Albert to the foregoing Report was as follows:—“My Lord,—The Royal Commissioners are much indebted to your Highness, and to the distinguished gentlemen of this and other nations, who have assisted on the Juries entrusted with the award of the Prizes in the recent Exhibition, for the zeal with which they have undertaken, and the ability with which they have fulfilled, the task which has been allotted to them. The Commissioners are much indebted to the services of these gentlemen in many instances been rendered at the inconvenience to themselves, and at the sacrifice of very valuable time, and to important avocations. It is with pride and pleasure, that they have noticed in the lists of those who have performed this service to the Exhibition, the names of the statesmanship, in science, in literature, in manufactures, in commerce, and in the

THE EXHIBITORS' ALMANAC.

D. W.	D. M.	D. Y.	10th Month.]	OCTOBER.	[31 days.	Number of Visitors to the Exhibition.	Admission. Total.
F	1	275	Pheasant shooting beg.	London University		59,071	1s.—£2,830 11 0
S	2	276		[opened, 1828.		64,298	3,080 12 0
S	3	277	Seventeenth Sunday after Trinity.			31,951	2s.6d. 3,354 3 0
M	4	278				29,640	2,862 14 0
T	5	279		[pro. with Amer. 1783.			
W	6	280	Moon's last quar., 10h. 36m. 2s. a.m.	Peace		167,815	1s.—5,175 16 0
Th	7	281	Zimmerman d. 1795.			109,915	5,231 10 0
F	8	282	Fielding d. 1754.			109,760	5,283 2 0
S	9	283	Bankers' licenses due.	[Term begins.		90,813	4,344 8 0
S	10	284	Eighteenth Sunday aft. Trin.	Camb Mich.		46,913	2s.6d. 4,914 1 6
M	11	285	America dis. 1492.	Oxford Mich. Term. b.		53,061	4,845 13 6
T	12	286	Old Michaelmas Day.				
W	13	287	New Moon, 7h. 14m. 3s. a.m.				
Th	14	288	Fire insurance must be paid.				
F	15	289	The Great Exhibition closed.				
S	16	290	Houses of Parliament burnt, 1834.				
S	17	291	Nineteenth Sunday after Trinity.				
M	18	292	St. Luke.				
T	19	293	Moon's first quarter, 11h. 55m. 9s. p.m.				
W	20	294					
Th	21	295	Battle of Trafalgar; Lord Nelson killed, 1805.				
F	22	296					
S	23	297	Royal Exchange founded, 1667.				
S	24	298	Twentieth Sunday after Trinity.				
M	25	299	St. Crispin.				
T	26	300					
W	27	301	Full Moon, 11h. 54m. 4s. p.m.				
Th	28	302	St. Simon and St. Jude. Hare hunting b.				
F	29	303	Riots at Bristol, 1831.				
S	30	304	Opening of the Coal Exchange, 1849.				
S	31	305	Twenty-first Sunday after Trinity.				

The total proceeds of the Exhibition were for

Season Tickets	£67,610 14 0
Money at Doors	358,388 1 0
Subscriptions	67,339 3 10
Catalogues	3,900 0 0
Refreshments	5,400 0 0
Resting Rooms	2,427 19 91
Washing Places	440 11 114
Care of Courts, &c.	881 3 8
Sale of Medals	81 10 13
Sale of Charts	7 14 11
Total	£566,107 5 7

fine arts; of men in every respect well calculated not only to form a correct technical judgment upon the merits of the articles submitted to their inspection, but also to maintain the high character which the Commissioners have uniformly striven to impart to the Exhibition. In no department of the vast undertaking which has just been brought to a happy close, were greater difficulties to have been apprehended than in that in which your Lordship and your eminent colleagues have given your assistance. On this, the first occasion on which the productions of the different nations of the globe have ever been brought together for the purpose of comparing their several merits, not only were prejudices and jealousies to have been expected to interfere with the decisions, but the nature of the case presented many difficulties of a formidable character, to the formation of a judgment which should appear satisfactory to all. The names of the Jurors, indeed, when once made known, were of themselves a sufficient guarantee for that impartiality which was essential to the fulfilment of their task; and from all that has come to the knowledge of the Royal Commissioners during the progress of their labours, they are fully satisfied that every award has been made with the most careful consideration, after the most ample and laborious investigation, and upon grounds most strictly honourable, just, and candid. But although the high character of the Jurors would have fully justified the Commissioners in entrusting them with the award of the Prizes without fettering their discretion with any instructions whatever, had nothing more than an impartial decision been required, there were difficulties of a very peculiar nature inherent to the task, which seemed to render necessary the adoption of some regulations that might, at first sight, appear to have been somewhat arbitrary in their character. The differences in the wants of various nations having necessarily impressed their several manufactures with different characteristics, it would seem to be almost impossible for those who have been in the habit of judging the productions of their own country by one standard, to enter fully into merits which can only be properly appreciated by another standard, since the very points which in the one case appear to be excellencies may in the other, not unnaturally, be taken as defects. This consideration, and a knowledge of the evils which were to be apprehended from any accidentally erroneous decision, in a matter so intimately connected with the commercial interests of every nation, induced the Royal Commissioners to lay down, for the guidance of the

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D. W. D. M.	D. Y.	11th Month.]	NOVEMBER.	[30 days.
M	1	306	All Saint's Day.	
T	2	307	Michaelmas Term beg. All Soul's Day.	
W	3	308	[landed in Eng. 1690.	
Th	4	309	Moon's last quar. 40m. 6s. a.m. Wil. III.	
F	5	310	Gunpowder Plot, 1605.	
S	6	311	Princess Charlotte d. 1817.	
S	7	312	Twenty-second Sunday after Trinity.	
M	8	313	Milton d. 1674.	
T	9	314	Lord Mayor's Day. Prince of Wales b. 1841.	
W	10	315	[estab. 1848	
Th	11	316	New Moon, 4h. 40m. 7s, p.m. French Rep.	
F	12	317		
S	13	318		
S	14	319	Twenty-third Sunday after Trinity.	
M	15	320		
T	16	321		
W	17	322	Queen Mary d. 1558. [Hanover d.	
Th	18	323	Moon's first quarter, 2h. 27m. 3s. p.m. King	
F	19	324	King Charles I. b. 1600.	
S	20	325	Cape of Good Hope first doubled, 1497.	
S	21	326	Twenty-fourth Sun. after Trin. Prin. Royal	
M	22	327	St. Cecilia. [b. 1840.	
T	23	328	Old Martinmas Day.	
W	24	329		
Th	25	330	Michaelmas Term ends.	
F	26	331	Full Moon, 6h. 40m. 9s. p.m.	
S	27	332	Princess Mary of Cambridge b. 1833.	
S	28	333	First Sunday in Advent.	
M	29	334	Selden d. 1634.	
T	30	335	St. Andrew's Day.	

STAMPS.	
Bills and Promissory Notes	
Payable on demand, or at and not exceeding 2 months after date, or 60 days after sight	
If for 2 0	5 5
5 5	20..
20	30..
30	50..
50	100..
100	200..
200	300..
300	500..
500	1000..
1000	2000..
2000	3000..
3000	5000..
Penalty for post-dating bills	
RECEIPTS.	
If £5 and under £10	..
10	..
20	..
50	..
100	..
200	..
300	..
500	..
1000 and upwards	..
Any sum, if in full of all demands due	
The Stamp to be paid by the person giving the Receipt.	
BONDS.	
To secure any definite & certain sum not exceeding £50	..
£50 & not exceeding 100	..
100	..
150	..
200	..
250	..
300, then for every 100	..
& fractional part of 100.	

Juries, those principles to which your Lordship has referred. It would perhaps have been more interesting to the public had the Commissioners instructed the Jury to follow the practice which has usually prevailed in the Exhibitions of nations, and to grant medals of different degrees, to mark the gradations of excellence among the Exhibitors; but they feel that they have adopted the safer course, that which was upon the whole most in accordance with the feelings of the many of the Exhibitors, in directing that no distinction should be made between merits if their productions came up to the standard requisite to entitle them to Prize, but that all should without exception take the same rank and receive the Medal. The Commissioners, however, considered it right to place at the disposal of the Council of Chairmen a peculiar or "Council" Medal in the cases to which your Lordship has referred. Important discoveries in many branches of science and manufactures have in this Exhibition been brought under the notice of the public, and it seems just that those who have rendered services of this kind to the world should receive a special mark of acknowledgment on an occasion which has rendered so conspicuous the advantages which the many have derived from the discoveries of the few. The grant of the Council Medal for beauty of design, and for excellence in the fine arts, as applied to manufactures, though made upon a somewhat different principle, is also compatible with the views of the Commissioners, since in cases in which it has been given it does not mark any greater comparative excellence of manufacture, or assign to one producer a higher place than is accorded to others, but is to be regarded as a testimony to the genius which can clothe the articles required for the use of daily life with beauty that can please the eye and instruct and elevate the mind. Valuable as this Exhibition has proved in many respects, it appears to the Commissioners that there is no direction in which its effects will be more sensibly and immediately perceived than in the improvement which may be expected to produce in taste, and the impulse it has given to the art of design; and a special acknowledgment is justly due to those who have afforded the best examples of art, whether pure or applied, and led the way in this interesting career of improvement. It now remains for the Commissioners once more to return to your Lordship and your Colleagues their cordial thanks; and they must not

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D.W.	D.M.	D. Y.	12th Month.]	DECEMBER.	[31 days.		
W	1	336				December	January
Th	2	337					February
F	3	338	King James II. abdicated, 1688.				March
S	4	339	Moon's last quarter, 22m. 3s. p.m.				April
M	5	340	Second Sunday in Advent.				May
T	6	341	St. Nicholas.				June
W	7	342					July
Th	8	343					August
F	9	344					September
S	10	345	Total Eclipse of Sun (invisible.) Grouse				October
M	11	346	New Moon, 3h. 31m. 6s. a.m. [shoot. e.				November
T	12	347	Third Sunday in Advent.				
W	13	348	Oliver Cromwell made Protector, 1653.				
Th	14	349					
F	15	350					
S	16	351	Cambridge Michaelmas Term ends.				
M	17	352	Oxford Michaelmas Term ends.				
T	18	353	Moon's first quarter, 8h. 59m. a.m.				
W	19	354	Fourth Sunday in Advent. [Rep.				
Th	20	355	Prince Louis Napoleon pro. Pres. of French				
F	21	356	St. Thomas's Day. Shortest day. Winter				
S	22	357	[Quar. be. 3h. 13m. p.m.				
M	23	358					
T	24	359	Robin Hood d. 1247. [invis.				
W	25	360	Christmas Day. Partial Eclipse of Moon				
Th	26	361	First Sun. after Chris. Full Moon, 1h. 9m.				
F	27	362	St. John's. [8s. p. m.				
S	28	363	Innocents.				
M	29	364					
T	30	365					
W	31	366	Flamstead d. 1710.				

SUNDAYS IN 1853.

January	..	2	9	16	23	30
February	..	6	13	20	27	
March	..	3	10	17	24	
April	..	1	8	15	22	29
May	..	8	15	22	29	
June	..	5	12	19	26	
July	..	3	10	17	24	31
August	..	7	14	21	28	
September	..	4	11	18	25	
October	..	2	9	16	23	
November	..	6	13	20	27	
December	..	4	11	18	25	30

ments are also due. Without their zealous aid it would have been impossible to have obtained an efficient representation of the industrial products of their respective localities. And finally, we cannot forget that all the labours of those thus officially connected with the Exhibition would have been in vain, had it not been for the hearty good will and assistance of the whole body of Exhibitors, both Foreign and British. The zeal which they have displayed in affording a worthy illustration of the state of the industry of the nations to which they belong, can only be equalled by the successful efforts of their industrial skill. The Commission have always had support and encouragement from them during the progress of the undertaking, and they cannot forget how cheerfully they submitted to regulations essential for their general good, although sometimes producing personal inconvenience to themselves. If the Exhibition be successful in aiding the healthy progress of manufactures, we trust that their efforts will meet with a due reward. In now taking leave of all those who have so materially aided us in their respective characters of Jurors and Associates, Foreign and Local Commissioners, Members and Secretaries of Local and Sectional Committees, Members of the Society of Arts, and Exhibitors, I cannot refrain from remarking, with heartfelt pleasure, the singular harmony which has prevailed amongst the eminent men representing so many national interests—a harmony which cannot end with the event which produced it. Let us receive it as an auspicious omen for the future; and while we return our humble and hearty thanks to Almighty God for the blessing He has vouchsafed to our labours, let us all earnestly pray that that Divine Providence which has so benignantly watched over and shielded this illustration of Nature's productions, conceived by human intellect and fashioned by human skill, may still protect us, and may grant that this interchange of knowledge, resulting from the meeting of enlightened people in friendly rivalry, may be dispersed far and wide over distant lands; and thus, by showing our mutual dependence upon each other, be a happy means of promoting unity among nations, and peace and good-will among the various races of mankind."

With these remarks Prince Albert closed the Great Exhibition of the World's Industry. A short and fervent prayer offered up by the Bishop of London, and the solemn Hallelujah Chorus were the only appendices to the final ceremony, and with the retirement of the procession, the vast agglomeration of every article of use, improvement, and luxury was left to be distributed to all parts of the world; some to the quarters whence it came, most of it to improve and benefit other countries and nations, and no inconsiderable portion to remain amongst the mighty people who had succeeded in developing and accomplishing the great conception of its honoured Prince.

Before proceeding with the Alphabetical Lists, it may be as well to give the decision relative to Prizes and Juries for the purpose of more detailed information; they were as follows:—

"Her Majesty's Commissioners have had under their consideration the subject of the Prizes to be awarded to exhibitors, and have resolved to take immediate steps for having (three) Medals struck of various sizes and different designs, it being their opinion that this is the form in which it will, generally speaking, be most desirable that the rewards should be distributed. They have decided to select bronze for the material in which the Medals are to be executed, considering that metal to be better calculated than any other for the development of superior skill and ingenuity in the medallion art, and at the same time the most likely to constitute a lasting memorial of the Exhibition.

With regard to the mode in which the Prizes are to be awarded, the Commissioners think it inexpedient to establish beforehand rules so precise as to fetter the discretion of the Juries upon which the task will ultimately devolve. It will be sufficient for the present to indicate the general principle to which it will probably be advisable to conform in the award of Prizes for successful competition in the several departments of the Exhibition.

In the department of RAW MATERIALS AND PRODUCE, for instance, Prizes will be awarded upon a consideration of the value and importance of the article, and the superior excellence of the particular specimens exhibited; and in the case of prepared materials coming under the head of the Exhibition, the Juries will take into account the novelty and importance of the prepared product, and the superior skill and ingenuity manifested in the process of preparation.

In the department of MACHINERY, the Prizes will be given with reference to novelty in the invention, superiority in the execution, increased efficiency, or increased economy in the use of the article exhibited. The importance in a social or other point of view the purposes to which the article is to be applied, will also be taken into consideration.

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as will also the amount of the difficulties overcome in bringing the invention to perfection.

In the department of MANUFACTURES, those articles will be rewarded which fulfil in the highest degree the conditions specified in the sectional list, viz :—Increased usefulness, such as permanency in dyes, improved forms and arrangements in articles of utility, &c. Superior quality, or superior skill in workmanship. New use of known materials. Use of new materials. New combinations of materials, as in metals and pottery. Beauty of design in form, or colour, or both, with reference to utility. Cheapness, relatively to excellence of production.

In the department of SCULPTURE, MODELS, AND THE PLASTIC ART, the rewards will have reference to the beauty and originality of the specimens exhibited, to improvements in the processes of production, to the application of art to manufactures, and, in the case of Models, to the interest attaching to the subject they represent.

These general indications are sufficient to show that it is the wish of the Commissioners, as far as possible, to reward all articles in any department of the Exhibition which may appear to competent judges to possess any decided superiority, of whatever nature that superiority may be. It is the intention of the Commissioners, to reward excellence in whatever form it is presented, and not to give inducements to the distinctions of a merely individual competition. Although the Commissioners have determined on having three Medals of different sizes and designs, they do not propose to instruct the Juries to award them as first, second, and third in degree for the same class of subjects. They do not wish to trammel the Juries by any precise limitation; but they consider that the Juries will rather view the three kinds of Medals as a means of appreciating and distinguishing the respective characters of the subjects to be rewarded, and not of making distinctive marks in the same Class of Articles exhibited. They fully recognise that excellence of production is not only to be looked for in high-priced goods, in which much cost of labour and skill has been employed, but they encourage the exhibition of low-priced fabrics, when combining quality with lowness of price, or with novelty of production. They can readily conceive that Juries will be justified in giving the same class Medal to the cheapest Calico Print made for the Brazilian or other South American market, as they would to the finest piece of *Moussetine-de-Soie* or *Moussetine-de-Laine*, if each possessed excellence of its own kind."

The Juries were originally intended to be composed of an equal number of British subjects and Foreigners, but some deviation from this rule was of course to be expected; the actual number of the jurors sent from each country being as follows:—

Austria	17	Russia	7
Belgium	14	Sicily	1
Denmark	1	Spain	4
Egypt	2	Switzerland	7
France	38	Sweden	1
Great Britain	160	Turkey	5
Greece	1	United States	23
North Germany	2	Zollverein	24
Holland	2		
Italy	6	Total	317
Portugal	2		



UNCLASSIFIED COUNCIL MEDALS.

HIS ROYAL HIGHNESS PRINCE ALBERT	...	For the original conception and successful prosecution of the idea of the Great Exhibition of 1851.	Joint medal with that granted for the model lodging house in Class VII.
CHAMBER OF COMMERCE LYONS	...	For the collection which it exhibited, in which it showed the general progress made through its exertions in the silk manufactures of Lyons.	
EAST INDIA COMPANY, THE HONOURABLE	...	For the very valuable and extensive collection, illustrating the natural resources and manufactures of India.	
EGYPT, THE PACHA OF	...	For the very valuable and extensive collection, illustrating the manufactures and natural resources of India.	
FRENCH MINISTER OF WAR	...	For the part taken by him in exhibiting the valuable collection of raw products from Algeria.	
SPAIN, THE GOVERNMENT OF	...	For the valuable and extensive collection of raw products, showing the natural resources of Spain.	
TUNIS, THE BEY OF	...	For the very valuable and extensive collection, illustrating the manufactures and natural resources of Tunis.	
TURKEY, THE GOVERNMENT OF	...	For the valuable and extensive collection of raw products, showing the natural resources of Turkey.	

THE COUNCIL MEDAL

Was awarded for some important novelty of invention or application, either in material or processes of manufacture, or originality combined with beauty of design. There were 170 of these medals, and they were bestowed upon the parties comprised in the following list:—

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
ADMIRALTY, the	England	Hydrographic charts, and models of the ships constructed by them	8	Hydraulic charts, and models of the ships constructed by them.
ALBERT, H. R. H. Prince ..	England	Model Lodging-house	7	Model lodging house. (Joint medal to that granted for the original conception and successful prosecution of the Exhibition of 1851.)
ANDRÉE, J. P. V.	France: Val d'Osmo	Iron fountain, and design of Aligator and Fish fountain ..	22	Cast-iron beds; grates for chimneys; groups of animals; candleabras; statues and vases.
AUBANEL, J.	France: 43 Rue de Trévise, Paris	Castings of animals, and gilt cast-iron door	22	Bronze and marble chimney-piece. Door made of cast-iron, gilt, and curved, and gilt wood.
APPOLD, J. G.	England: 23 Wilson-st., Finsbury	Centrifugal pump with curved vanes	5	Centrifugal pump for draining marshes for a tide-pump, without valves.
BAIX, A.	England: Hammersmith ..	Electric telegraph	10	Electric clocks. Electro-chemical telegraphs. Electro-chemical copying telegraph.
BAKEWELL, F.	England: Hampstead	Copying electric telegraph ..	10	Electric copying telegraph.
BALL, DUNNICLIFFE and Co. ..	England: Nottingham	Velvet and Simla lace, being new patented fabric suitable for shawls, dresses, and various ornamental and useful purposes, and of great commercial importance, also for imitation. Valenciennes lace, black and white point tulle, of great merit	19	Elastic velvet, plain and mixed pile, silk elastic taffeta, elastic fabrics. Simla and lace shawls.
BARBEDIENNE, F. and Co. ..	France: 30 Boulevard Poissonnière, Paris	Sculpture in metal, bronzes ..	22	Sculpture in reduced proportions by mechanical processes. Bronzes of art. Gate of the Baptistery of Florence, half the size of the original.
BARBEDIENNE, F. and Co. ..	As above	Ebony book-case mounted with bronze	26	Joint medal with the above.
BARBERI, the Cavaliere	Rome	Table in Roman mosaic	27	Mosaic table, invented and executed by the exhibitor.
BARLOW, A.	England: 26 Bread-street ..	Jacquard loom with two cylinders, simultaneously raising & lowering the suspended wires..	6	Double-action Jacquard loom, with two cylinders and two sets of cards.

AME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
BELFAST Flax Improvement Society, the Royal	Ireland : Belfast	Persevering and successful efforts to improve the quality of the fibre of flax, illustrated by a series of specimens	4	Specimens of flax.
BERNARD and Co.	France : 44 Rue Blanche, Paris	Process for washing and purifying coals	1	Small coal purified, and residue of the same.
BOEHM, J.	Bavaria : Munich.. ..	Important scientific improvements of the flute, and the successful application of the same principles to other wind-instruments	10a	{ Key flute with silver and gold embrochures. Flute d'amour, in B flat, the same size and construction. Model of an oboe on same principle.
BOND, W. and Son	America : Boston.. ..	Invention of a new mode of observing astronomical phenomena	10	Electric clock, battery.
FORDEN, Gail, Jun... ..	America : Galveston, Texas	Preparation called Meat Biscuit	3	Meat Biscuit.
BEUDON, E... ..	France : 72 Faubourg du Temple, Paris	Invention of metallic barometers and manometers	10	{ Working model of a steam-engine, various instruments for measuring the pressure of steam and gases, the atmospheric pressure, the temperature.
BRETT, J.	England : 2 Hanover-sq.	Printing telegraph	10	{ Electric printing telegraphs. Communicator, or corresponding apparatus. Circuit regulator. A portion of the experimental wire passed along the bottom of the channel in August, 1859, when messages by this telegraph were printed from England to France. Iron-protecting cable for enclosing the submarine wires, where great strength may be required. Electric bells.
BROCKEDON, W.	England : 29 Devonshire-st.	Cumberland lead, condensed in blocks	1	{ Native black lead from Cumberland, India, Ceylon, Greenland, Spain, Bohemia, &c. Cumberland lead in powder, purified and condensed into blocks for pencil-makers. Samples of Mordan's and other points and pencils.
BROOKE, C.	England : 29 Keppel-st.	Invention of a means of self-registering natural phenomena by photography	10	{ Photographic, self-registering, magnetic, and meteorological apparatus, comprising the barometer, the wet and dry bulb thermometers, and photographic apparatus for registering their variations.
BUCKLE, S.	England : Peterborough	Photographs on paper	10	{ A series of pictures from nature, taken by Talbot's photographic process, called Calotype, and printed from paper negatives. Optical and mathematical instruments.
BURON, —	France : 8 Rue des Trois Pavillons	Being of rock crystal	10	{ Carts for farming purposes. Light horse hoe for ridges work, improved by the exhibitor. Ploughs, drills.
BUSBY, W.	England : Newton-le-Willows, Bedale	Two or four-horse plough, horse hoe on the ridge, ribbing corn-drill, and cart	9	{ Locomotive engine for goods. Apparatus to take in the vacuum for sugar with its steam-engine. Coining press.
C and Co... ..	France : 46 Quai de Billy, Paris	Vacuum apparatus for the manufacture of sugar	6	{ Crown, wind-up glass, of various kinds. Sheet, or cylinder without glass in the middle. Glass of various kinds. Sheet, or cylinder without glass in the middle.
CHANCE, Brothers	England : Birmingham	Disc of flint glass, 29in. diameter	10	{ Plate of flint glass, 29in. diameter. Sheet of flint glass, 29in. diameter.

NAME.	LOCALITY.	ARTICLES REWARDED.	FIGURE.	DESCRIPTION OF ARTICLES EXHIBITED.
CLAUDET, A. F. ..	England : 13 King William-st. Charing-cross	Several inventions (and some experiments in the practice of) photo-enamelling, and non-inverted pictures	10	Photographic plates and pictures, and apparatus for photo-graphic engraving. Ornamental park entrance of cast-iron, bronze, consisting of a pair of principal gates, and two side gates, hung on iron pillars of new construction: each of the four gates was cast in one piece. Ornamental rustic dome of cast-iron, 20 feet in diameter by 16 feet high, adapted for glazing as a greenhouse, &c., it contained an iron-casting of the Eagle Slayer, a statuette of <i>Abelius</i> , with ornamental fountain of cast-iron, bronzed 7 feet wide by 8 feet high, of Cupid and the Swan; the group forms the jet, and occupies the centre of a tazza, decorated with an ornamentation of the white and yellow water-lily. Ornamental chimney-piece and grate, with decorations illustrative of deer-stalking, boar-hunting, and hawk-hunting, enriched with a bronze group of the death of the stag. Bright ornamental grate, composed of burnished and spring steel front, with electro-gilt ornaments, novel panels, and mouldings, and a marble mantel-piece. Large collection of stoves, grates, ranges, fenders &c. Ornamental work. Collection of small works in foreign design, and groups and statuettes of English design.
COALBROOKDALE COMPANY	England: Coalbrookdale ..	Cast-iron statue, new method of) bronzes steel grates, and diamond flooring for steam-engines)	22	
COCKERILL, J. ..	Belgium : Seraing.. ..	Pair of 140-horse power vibrating cylinder engines for river navigation; locomotive engine; oscillating cylinder 3 horse power land engine; tubular boiler; vertical cylinder 16-horsepower land-engine	5	Sample of foundry pig-iron. Expansive and condensing marine steam-engine of 140 horse-power. Locomotive engine. High pressure steam-engine of 16 horse-power, with vertical cylinder. High-pressure steam-engine of 3 horse-power, with tubular-boiler. Model of a machine for lowering and lifting miners without danger. Variety of artificial flowers and branches, and a small tree, artificially perfumed, for head-dresses and wreaths. Gilt-iron columns. Quicksilver and other mirrors.
CONSTANTIN, J. Marques .. CHAMPTON, T. R. ..	France : 7 Rue d'Antin, Paris .. England : 15 Buckingham-street, Adelphi	Flowers in cambric Two passenger locomotive engines	29	Express locomotive engine "Liverpool." This engine contains 2,285 feet of heating surface, being 270 feet more than the largest engine on the broad gauge. Diameter of cylinder 18 inches, length of stroke 24 inches, diameter of driving wheels 8 feet. The weight of the engine empty, 52 tons, evaporation of the boiler at full work equal to 1,140 horse-power, pressure of steam 120lbs. on the square inch. The engine has a very low boiler, and the greatest weight is on the extreme wheels, which ensures steadiness.
CROSSKILL, W. ..	England : Beverley	Norwegian harrow, meal mill, cart, clod crusher, and gorse bruiser	9	Mills, for steam power, for grinding vegetable and mineral substances, clod crushers, drills, horse-hoe, thrashing machines, chaff-cutters, crushers, ploughs, harrows, waggon, carts, farm railways, turnip cutters, and various other agricultural implements.
DAUER, T. ..	Switzerland : Soleure	Superiority of glass for optical purposes, good specific gravity, clear; crown-glass as clear as flint	10	Flint glass and crown glass in rectangular prisms. Unpolished flint and crown glass for optical uses.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
DARLAV, — Jun. ..	France : 16 Rue des Vieilles- Etuves-St.-Honoré, Paris	Gruaux and household flour of very fine quality, obtained by his novel and economical process	3	Two sacks and a barrel of wheaten flour.
DELEUIL, L. J. ..	France : 8 Rue du Pont de Lodi, Paris	Balance air-pump ; and an in- vention of an arrangement to keep the charcoal points in electric lights at a constant distance	10	{ Philosophical instruments and balances, coin-scales, air pumps, electric batteries, magneto-electric apparatus.
DEMCOPET, E. ..	Russia : 157 Rue de Charenton, Paris	Paper hangings	26	Seven panels of stained papers, rolls of stained paper, and album for showing the contrast of colours.
DENIDOFF, Messrs. ..	France : 157 Rue de Charenton, Paris	Malachite manufactured into va- rious articles of furniture and decoration	27	Articles made of malachite.
DENEIROUSE, E., BOUS-GLAVY and Co.	France : 16 Rue des Fossés Mont- martre, Paris	Discovery of a new and import- ant process in the production of elaborate designs	15	French cashmere shawl.
DENT, E. J.	England : 61 Strand, 33 Cockspur- st., and 34 Royal Exchange ..	For his large turret clock, on account of strength and accu- racy attained in it, which are also accomplished by a cheaper mode of construction than in other turret-clocks of high character	10b c	Large church clock. Boiler plate, shears, and punch. Baling press. Embossing press. Rail straightener. Saw-tooth cutter, anti-friction machines, designed and manufactured by J. E. Homes of New York.
DICKS, D.	America	Various engineers' tools and presses	10	Atmospheric recorder, for registering the changes of the atmosphere.
DOLLOND, G.	England ; St. Paul's-churchyard	Atmospheric recorder, by means of which the readings of the ba- rometer, those of the thermo- meter evaporator, fall of rain, direction of the wind, its strength, electric state of the air, &c., are simultaneously registered	6 c	Double wool-combing machine. Model of improved paper-making machine.
DONISTHORPE, G. E. ..	England : Leeds	Double wool-combing machine	10	
DONKIN, B. & Co. ..	England ; Bermondsey	Paper machinery	6	
DUBOIS-SOLEIL	France : 35 Rue d'Orléon, Paris	Very ingenious Heliostat, on a new construction ; invention of an apparatus for fixing the charcoal points for electric light. Saccharometer of deli- cate structure and much im- provement, and an elegant and valuable instrument for Application of polarized light	10	Optical apparatus and instruments.

THOMSON, F. A.
France : Rue St. Marc St. Ger.
main, Paris

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main, Paris

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

DUNN, Count E. ..	England: London	Extraordinary application of mechanism to his steel expanding figure of a man ..	10	{ Piece of mechanism intended to represent the proportions of the human figure: it admits of being expanded from the standard size of Apollo Belvedere, to that of a colossal statue: composed of more than 7,000 pieces of steel.
ELKINGTON, MASON, and Co.	England: Birmingham ..	Artistic application of the electrotype	23	{ Specimens of electro-plated candelabra, tazza, vases, table-ware, &c. Variety of electro-deposited sideboard, and other plate, from the antique. Electro-deposited figures, &c., in bronze.
ERARD, P. ..	England: 13 St. Marlborough-st.; and France: 13 & 21 Rue de Mail, Paris ..	Peculiar mechanical actions applied to piano-fortes and harps ..	10a	{ New metal frames for piano-fortes. Harps. Prince of Wales's harp, richly decorated. Pianos of various patterns.
ESTIVANT, Brothers..	France: Givet	Brass of superior quality produced by a novel process ..	1	{ Brass plates and wire. Tanned leather from Buenos Ayres. Glue.
FABBAHIN, W. and Sons ..	England: Manchester ..	Rivetting machine, and corn-mill ..	6	{ Rivetting machines. Corn-mill.
FOUNDRY, Minister of Trade for the Royal Prussian ..	Germany: Berlin ..	Three vases and candelabra, with group of figures in cast iron..	22	{ Group of figures in cast-iron. The Warwick vase, gilt inside. The Athenian vase, with figures and handles, and gilt inside. The Alexander vase, the border decorated with relief after Thorwaldsen, representing Alexander's entry into Babylon; mounted with silver, and gilt inside.
FOURINOIS, A. G. ..	France: 46 Rue Amelot, Paris	Carved sideboard of walnut wood	23	{ Sideboard, with dressing-table of carved walnut-wood.
FOX and HENDERSON ..	England: London and Birmingham	Great Building; for the execution	7	{ Great Building.
FROMENT, G. ..	France: 5 Rue Menilmontant, Paris	Goodness of the work of his theodolites, and divided metre ..	10	{ Scientific instruments; theodolite; and various models of electro-motive power.
FROMONT and Son ..	France: Chartres..	Double turbine	5	{ Improved model of a turbine, made after Fontaine's system.
GARRARD, R. and S. and Co.	England: Pantoon-st., Haymarket	Artistic plate and jewellery ..	23	{ Nautilus cup, tankards, ewers, tea and coffee services, candelabra, centre pieces, table ornaments, and other specimens of gold and silver plate. Jewellery: suites of opals and brilliants; sapphires, pearls, and brilliants; rubies and brilliants; tiaras, bracelets.
GARRARD and Sons ..	England: Leiston, Suffolk ..	Horse hoe, general purpose drill, four-row turnip-drill on the flat, improved hand-barrow drill for grass seeds, steam-engine and thrashing machine..	9	{ Drills, horse-hoes, thrashing-machines, portable steam-engines, hum-melling and corn-dressing machines, chaff-cutters, crushers, ploughs, corn-reaping, harrows, and other agricultural machinery.
GEOLOGICAL, Survey department of Great Britain ..	England	Geological surveys, and maps of the United Kingdom ..	8	{ The maps of the Ordnance Survey geologically coloured by the officers of the Geological Survey of the United Kingdom.
GOBELIN TAPESTRY, Government Manufactory of ..	France	Originality and beauty of design of the different specimens exhibited for furniture, and the extraordinary excellence of the execution of most of the productions exhibited ..	19	{ Gobelin tapestry.
GONELLA, Professor T. ..	Tuscany: Florence	Planometer, a machine for measuring plane surfaces ..	10	{ Machine for measuring plane surfaces, executed under the exhibitor's direction.
GOODYEAR, C. ..	America: Connecticut ..	India-rubber	23	{ India-rubber goods.
GRAB, N. and Co. ..	France: Valenciennes ..	Sugar obtained from beet-root by the Barytic process. ..	3	{ Samples of sugar, extracted by the process of Mr. Dubrunfant, from molasses.

NAME.

LOCALITY.

ARTICLES REWARDED.

Class

DESCRIPTION OF ARTICLES EXHIBITED.

6

GRAUX, Jean Louis..	..	France : Juvincourt ..	..	Origination of a new and valuable quality of wool, giving to the variety of mérino the best quality for combing, and possessing increased strength, brilliancy, and fineness of fibre ..	4	Glazed & silk-like wool fleece, being a peculiar variety of merino sheep.
GRAY and DAVISON..	..	England : 9 New-road ..	..	Invention in organ-building of a new method of connecting the great organ with the swell organ, by means of a pedal and a new stop, called the Keranlophon ..	10a	Grand church organ of the first class. Small church organ. Small church finger organ, the stops contained in a swell.
GRENET, L. F. ..	..	France : Rouen ..	..	New and improved mode of obtaining a pure, inodorous, and colourless gelatine from the refuse parts of animals, and valuable and diversified modes of applying the materials, as illustrated in the collection exhibited	4	Glue, gelatine. Various sorts of gelatine and gelatine articles.
GRAFFITH, J. ..	..	England : Derby ..	..	Barometer, with a vacuum cupable of complete restoration by an air-trap at the top ..	10	Standard barometer.
GUERRE, Dépôt de la, à Paris	..	France ..	..	Great topographical map of France	8	Great topographical map of France.
GUYTON, A. ..	..	France : 11 Rue Chapon, Paris	..	Variety of exhibits ; and electroplating ..	23	{ Statuettes, cups, boxes, nosegays, pictures, sabres, swords, knives, bracelets, snuff-boxes, sweetmeats, seals, cigar-cases, cash-boxes, rings, brooches, canes, riding-whips, plates in galvano-plastic.
GUINET, J. B. ..	..	France : Lyons ..	..	Artificial ultramarine ..	2	Flags of artificial ultramarine blue, applicable to the industrial arts and to the fine arts.
GUTTA PERCHA COMPANY, the	..	England : 18 Wharf-road, City-road	..	Gutta percha ..	28	Gutta percha ; collection of specimens illustrative of its various applications.
GUTTLE, W. ..	..	Prussia : Richenstein ..	..	Treatment of arsenical ores, and the extraction of gold from them	1	Arsenic ores, showing a process for extracting the gold from the residue of the arsenic ores.
HANCOCK, C. F. ..	..	England : 39 Bruton-st ..	..	Originality and taste in exhibits	23	Ebony inlaid silver table and vase. Group in massive silver. Cravatte de drapeau, embroidered in gold on Pompadour velvet.
HARDMAN and Co. ..	..	England : Birmingham ..	..	Ecclesiastical brass work ..	22	Specimens of wrought iron work.
HARRIS, Sir Wm. Snow	..	England : Plymouth ..	..	System of lightning conductors attached to the masts and hulls of ships, which have been for several years in general use in the navy, as a means of preserving life and property from the effects of lightning ..	13	Practical models, illustrative of the system of lightning conductors associated with the masts and hulls of ships.

NAME		LOCALITY.		ARTICLES REWARDED.		DESCRIPTION OF ARTICLES EXHIBITED.	
HUBMANN, C.	..	Prussia: Berlin ..	..	Valves apparatus for the manu- facture of sugar ..	5	Vacuum betting apparatus for sugar refining, applicable for the manufacture of cane and beet sugars.
HUXLEY, W. T.	..	England: 46 St. John-street-road	..	Convenient and ingenious appli- cation of magnetic electricity to the purposes of electric tele- graphs ..	10	Large permanent horse-shoe magnet, weighing 6 cwt., magneto- electric machine, electric telegraph, worked by the magneto-electric currents.	
HENMANN, C.	..	France: 92 Rue de Charenton, Paris ..	..	Set of chocolate machines ..	6	Machine for grinding chocolate, colours, and drugs.
HUBBERT, PLATT and SONS..	..	England: Oldham ..	..	Complete series of machines, em- ployed in the cleaning, prepa- ration, and spinning of cotton, showing the whole process, to the weaving, inclusive ..	6	Extensive series of improved machines for the manufacture of cotton. Machines used for opening and cleaning cotton. Machinery used in the manufacture of cotton yarn. Looms for weaving cotton cloth.
HICK, B. and Son ..	..	England: Bolton ..	..	Mill gearing, radial drill, engi- neers' machine tools, improved mandrills, portable forges ..	6	(Radial drilling machine. Ball safety-valve. Punchings showing the power of Hicks's compound hydraulic press. Portable smith's hearth or forge. High-pressure oscillating steam-engine. Machine for cleaning and preparing grain. Improved mandrills.
HILL and Son ..	..	England: Tottenham-court-road	..	Invention of a stop of great power and for their mode of shifting the stops by means of keys ..	10a	Finger organ with two sets of channels, containing reed stop of in- crease power.
HOOKE, RONSON, and HOOKE	..	England: Sheffield ..	..	Drawing-room steel grates ..	22	Drawing room, dining room, and other register grates. Burnished steel, bronzed, and cast iron fenders. Cast iron chimney pieces, with natural fixed colours.
HORNSEY and Sons..	..	England: Grantham ..	..	Corn and seel drill, drop drill, two row turnip drill on the ridge, oil cake bruiser, steam engine ..	9	Drills. Six-horse power portable steam engine. Improved portable threshing machine. Corn dressing or winnowing machine. Double cake-breaking or crushing machine.
HUNT and ROSKELL..	..	England: 156 New Bond-st.	..	Vase in reponsee by Vecht ..	23	A work in silver, showing its application to sculpture, combined with metallurgical art. Shield, embossed and chased in silver and iron. Vases, presentation plate, centre pieces, candelabra, dessert stands, cups, salvers, tazzas, caskets, &c. Watches and chronometers of ex- traordinary construction. Carriage and other clocks. Specimens of the various precious stones, in the rough and wrought state. Pearls.	
JAFY, Brothers ..	..	France: Beaucourt ..	..	Clock and watch movements made by machinery, much cheaper than any other move- ments, and equally good ..	10b	Watch-making: clock and watch works. Ironmongery.
KAEMMERER and SUEFFELGEN	..	Russia: St. Petersburg ..	..	Diadem in jewels ..	23	Diadem, bouquet, berthe, and brooch of diamonds.
KISS, A. ..	..	Prussia: Berlin ..	..	The Amazon, cast in zinc and bronzed ..	30	{ Group in zinc bronzed, representing an Amazon on horseback attacked by a tiger; group in bronze on a small scale.
KLEIST, Baron Von..	..	Austria: Neudeck, Bohemia ..	..	Iron of superior quality and manufacture ..	1	Tinned sheet iron. Thin sheet iron, called iron paper.
KUOPP, Fried.	..	Prussia: Essen ..	..	Cast steel of superior and novel quality ..	1	{ Rolling-mill, the rollers exhibited for their equal hardness throughout. Forged cast steel exhibited for purity and toughness, used for axle- trees. Steel gun, 6-pounder, complete. Steel cuirass, and one tried by being fired at with six different bullets. Steel rollers, springs, and railway axle.
LABOURING CLASSES, Society for Improving the Condi- tion of the..	..	England ..	..	Sundry improvements in the con- struction of bricks, and the im- provement of habitations for labouring classes ..	27	{ Building contrivances, adopted in the construction of their model dwellings for the labouring classes, particularly that of hollow brick- work. Drawings and models of buildings erected; and designs.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
LARDEREL, Count F. de	Tuscany : Leghorn	Boric acid, and method of preparing it	2	Alabasters and produce of the <i>suffioni</i> of boracic acid.
LAWSON, P. and Son	Scotland : Edinburgh	Admirably displayed, very complete, instructive, and scientifically arranged collection of the vegetable products of Scotland	3	{ Vegetable products of Scotland ; substances used for food for man and domestic animals, in the chemical arts, in medicine, in manufactures, and in house and ship building.
LAWSON, S. and Sons	England : Leeds	Numerous machines employed for the preparation of flax ..	6	Machinery for the preparation and spinning of flax.
LEISTLER, C. and Son	Austria : Vienna	Carved furniture in four rooms..	26	Four rooms, including dining room, drawing room, ladies' library, and bed room, with inlaid floorings, and completely furnished.
LEMONNIER, G.	France : 6 Place Vendôme, Paris	Queen of Spain's jewels	23	Set of emeralds belonging to the Queen of Spain, and various articles of jewellery.
LIENARD, M. J.	France : Rue Plumet, Paris	Clock case, and other articles ..	26	Carved walnut-wood clock, representing a boar-hunt. Basso-relievo.
LOGEMAN, W. M.	Holland : Haarlem	Excellence of the magnets shown by him	10	Large permanent steel magnet. Electro-magnetic engine.
LONGMID, W.	England : London	Process for treating copper pyrites with common salt	2	Rock salt, ores, &c., from Cornwall and Devon. Chemical preparations.
LUTZ, C.	Switzerland : Geneva	Watch balance springs, which were submitted to the test of stretching out & heating without affecting their form	10b	Hair springs suited to marine and other chronometers.
MACINTOSH and Co.	England : 73 Aldermanbury	India-rubber	28	India-rubber specimens, illustrative of its manufacture, and collection of manufactured articles, vulcanized and unvulcanized.
MAES, M.	France	Novelty of chemical application	24	Colossal equestrian statue of Richard Cœur de Lion.
MARCHETTI, Baron	England	Richard Cœur de Lion in Plaster	30	
MARINE, Département des Cartes de la	France : Paris	Hydrographic surveys, and maps of France, Algeria, Africa, and Corsica	8	Hydrographic engravings, plans, charts : topographical and hydrographical studies.
MARREL, Brothers	France : 27 Rue Choiseul, Paris	Seals, snuff-boxes, and smaller articles	23	{ Large gilt and oxidised vase. Dressing case, cups, hunting knives, dagger, and other gold and silver articles.
MARTENS, F. . .	France : 6 Rue de Pot-de-Fer, Paris	Talbotypes on glass by the albuminous process	10	Three frames with daguerreotypes.
MASON, J.	England : Rochdale	Woolen carding machine, also slubbing and roving frames ..	6	Hand-mule. Slubbing frame. Roving frame. Power loom. Lathe chucks. Two carding machines. Mule-loom grinding frame. Vice.
MASSON, E. . .	France : 8 Place St. Michel, Paris	Dried vegetables prepared by new and economical process	3	Preserved meats.
MATTEAT, C. S.	France : 9 Rue de la Perle, Paris	Original designs in bronze ..	22	Clocks, chandeliers, and various articles in bronze.
MACQUEEN, JOHN, and FRED	England : Lambeth	Coating press, acting by an eccentric	6	Coining press acting by an eccentric.
MACQUEEN, C. H. . .	America : Illinois.	Reaping machine	6	Virginia grain reaper.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
MILCZA, John ..	England : Acedinglam ..	Process of modifying the fibre of cotton by the action of caustic alkali, whereby its physical and chemical properties are altered and improved in a most remarkable manner .. Machinery for carding and spinning wools ..	4	Cotton cloth printed and dyed. Platted card, roving card. Turning-lathe, emery cylinder. Loom for spinning with 240 spindles. Refractor having 45" apert., 48" focal strength, for variable latitude ; equatorially mounted. Microscope with various object-glasses and three eye-pieces, for nine magnifying powers, from 20 to 1800 times. The instrument provided with a screw micrometer and the necessary apparatus for holding and illuminating objects.
MISCIER, A. and Co. ..	France : Louvrière ..		6	
MEZ and Sons ..	Bavaria : Munich ..		10	
MILITARY TOPOGRAPHICAL Department of Austria ..	Austria : Vienna ..	Survey and detailed maps of the country in and around Vienna, and of Italy ..	8	Survey and detailed maps of the country in and around Vienna, and of Italy. Colossal lion fifteen feet long and nine feet high. Two statues seven feet high, cast in bronze, and finished with the chisel : 1, Libussa, Queen of the Bohemians, anno 700 ; 2, George of Padiebrad, king of the Bohemians.
	Bavaria : Munich ..		22	
MILLER, Ferd. ..	France : 52 Rue Rochecouart, Paris ..	Casting in bronze of a colossal lion, and statues of Libussa and George I. of Bohemia .. Invention of practical methods of using lime in the manufacture of stearic candles, and the use of boracic acid in the preparation of wicks ..	29	Stearine acids and candles. Soaps.
MILLY, L. A. de ..	France : Paris ..		8	
MINES, Ecole des à Paris ..	Belgium : Liege ..	Specimens of zinc castings .. Encaustic tiles .. New application .. and beauty of design ..	22	Specimens of zinc and other ores, and metals and chemicals. A joint medal. Tiles, terra, and vases, &c., in imitation of majolica ware. Encaustic and other tiles.
MINES ZINC, Société des (de la Vieille Montagne) ..	England : Stoke-upon-Trent ..		27	
MINTON, H. and Co. ..	As above ..		25	
MINTON, H. and Co. ..	England : 7 New Burlington-st. ..	Enamels ..	23	Large vase in terra-cotta. Flower pots in terra-cotta. Ornamental vases, table-ware, &c., in porcelain. Chemical utensils in hard porcelain. Raw materials used in the manufacture of and ornamenting of porcelain and earthenware. Fired specimens of colours Earth-enware in the different stages of its manufacture. Equestrian statue of Queen Elizabeth, embossed with the hammer, in silver. Centre piece, in silver, of elaborate design. Oriental agate cups. Lapis lazuli cup. Vase, in rock crystal, mounted in gold and enamel, &c. Bouquet, composed of diamonds and rubies separating into several different ornaments.
MOREL, J. V. and Co. ..	England : Manchester ..		6	
NASHMYTH, J. and Co. ..	England : 122 Regent-street ..	Steam hammer .. Originality, excellence, and perfection of air-pumps, and self-registering tide gauge ..	10	Steam hammer. Standard barometer. Portable mountain barometer. Variety of thermometers, hygrometers, rain-gauges, safety-lamps. Air-pump. Rain and wind gauge. Self-registering tide-gauge.
NEWMAN, J. ..	As above ..		10	

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
NORTHUMBERLAND, Duke of	England	For having caused a large number of models of life-boats to be designed, with the view of obtaining the best form of boat for the preservation of life and property in cases of shipwreck	8
OERTLING, L.	England : 13 Store-street	Very delicate large and small balances	10
ORDNANCE Department of England	England	Illustrations of the Great Ordnance Surveys of Great Britain ; the copper-plate etchings, and electrotype process	8
PARKER, C. E. and Co.	Scotland : Dundee.	Power loom for weaving sail-cloth	6
PATINSON, L. H.	England : Newcastle-upon-Tyne	Process for treating lead ores, and separating silver from lead	1
PAXTON, Joseph	England	Great Building ; for the design..	7
PENN, John and Son	England : Greenwich	Two pair of compact marine engines of light construction, for small vessels	5
PONTIFEX and Wood	England : Shoe-lane, Fleet-st..	Vacuum apparatus for the manufacture of sugar, in copper and brass	6
POPELIN-DUGAREE, —	France : 187 Boulevard de l'Hôpital, Paris..	Novel and economical mode of preparing vegetable charcoal from the small branches of trees, and from annual plants	4
PRADIER, J.	France : Paris	Phryne, in marble..	30
PRAT and AGARD	France : Aix	Salts of potass, and other products of sea-water	2
QUENNESSEN, —	France : 4 Rue de Bouloi, Paris	Platina alembic, to hold 250 pints, all in one piece, without solder or seam	10
REED, T. S. and Co.	England : Derby	New power-loom for weaving fringes without shuttles	6
RISLEY, M. fils	France : Cerny	Epurator, a machine for cleaning and preparing cotton for spinning	6
ROSS and THOMSON	Scotland : Edinburgh	Great improvements in photography	10
ROSS, A.	England : 3 Featherstone-buildings	Great improvements in microscopes, and for the solidity of structure, good mechanism, and accuracy of the large English form	10
<p>Models of life-boats competing for the prize, for which there were fifty four competitors.</p> <p>Chemical and other balances of delicate construction.</p> <p>Ordnance maps of England and Wales, City of Dublin, county of Lancaster, town of Liverpool.</p> <p>Mathematical power loom for weaving navy sail-cloth and other heavy fabrics.</p> <p>Illustrations of the exhibitor's process for separating silver from lead. The design of the Great Exhibition building.</p> <p>Pair of marine oscillating engines, and of marine engines on the trunk principle, for the driving of screw propellers direct. Working models of marine oscillating and trunk engines. An auxiliary, or "donkey" engine.</p> <p>Sugar apparatus, pumps, &c., in copper and brass.</p> <p>Artificial charcoal.</p> <p>Marble and bronze statues.</p> <p>Productions of the liquid salines.</p> <p>Platina crucibles, capsules, and various other platina apparatus, on a small scale.</p> <p>Power loom, for making fringes and like fabrics without the use of shuttles.</p> <p>New preparatory machine for the winding of cotton, called an Equivalent, machine called an Epurator, with a frame containing the produce of that machine.</p> <p>Frames containing Talbotype pictures from albuminised glass.</p> <p>Astronomical telescope, the object-glass 11½ inches diameter, mounted on a stand having material movements and complete adjustments.</p> <p>The optical part wrought by an improved system of machinery.</p> <p>Astronomical telescopes. Improved microscopes, and photographic cameras adapted to the telescope, and to the microscope.</p>			

DESCRIPTION OF ARTICLES EXHIBED.

ARTICLES REWARDED.

LOCALITY.

NAME.

Sax, A.	France: 50 Rue St. Georges, Paris	Invention of several classes of wind instruments in wood and metal	10a	Musical instruments made of brass and wood.
Sazikoff, Ignace	Russia: Moscow	Centre-piece	23	Large vase, candelabra, goblets.
Serret, Haroula, Dequenne and Co.	France: Valenciennes	Beet-root sugar prepared by a method the result of which is to save valuable substances previously lost in the manufacture, and consequently to reduce materially the price of the sugar itself	3	Collection of beet-root products.
Sevres Manufactory	France: Sevres	High art	25	Collection of Sevres china of the finest quality.
Shane, Brother and Co.	England: Manchester	Large double lathe for railway wheels, slotting machine, and other engineers' machine tools, also a beautifully constructed ring and traveller throstle	6	Lathe, slotting, and self-acting planing machines.
Siemens and Halske	Prussia: Berlin	Electric telegraph	10	Electric telegraphs. Indicating telegraph in connexion with a pair of two printing instruments, and an intermediate excluding instrument with alarm. Railway telegraphs. New single wire telegraph. Improved Morse's telegraph, worked by secondary power. Single wire and magneto-electric telegraphs. Pair of electroscopes. Compound achromatic microscopes and apparatus. Cabinet for objects. Revolving tables for microscope.
Smith and Beck	England: 6 Coleman-st.	Excellence of microscopes	10	
Spear and Jackson.	England: Sheffield	Circular saws, and particularly one 60 inches in diameter, of marked and very superior excellence, manufactured by a process of peculiar merit, the result of a novel application of mechanical ingenuity recently effected	21	{ Cast steel circular saw 5 feet diameter; spring steel hand-saw 30 inches long, and a collection of other saws. Knives for machinery and other purposes. Files and rasps. American wedge axe and edge tools of all sorts. Cast steel plate for engravers, and specimens of cast steel in bars.
Stuart and Smith	England: Sheffield	Drawing-room grates on Sylvester's patent, and the novel application of revolving canopy, invented by Laurie	22	{ Grates. Register grate with revolving canopy. Fenders; fire-irons. Air stoves. Three miniature steam-engines.
Taurines, -	France	Dynamometer	10	Dynamometers.
Vidie, -	France	Invention of the Aneroid barometer	10	Aneroid barometers.
Vienna, Imperial Court and printing office of..	Austria: Vienna	{ Novelty of invention, and the number of new combinations in the art of typography	17	Specimens of typography and printing of all descriptions.
Vitroz, E.	France: 10 Rue des Filles du Calvaire, Paris	Gilt bronzes	23	{ Artistic bronzes, chimney ornaments, clocks, chandeliers, vases; cups, and lustres.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
VUILLAUME, J. B.	France: 42 Rue Croix-des-Petits-Champs, Paris	New modes of making violins in such a manner that they are matured and perfected immediately on the completion of the manufacture, thus avoiding the necessity of keeping them for considerable periods to develop their excellencies	10a	{ Complete set of string and bow musical instruments, with bows made by machinery.
UHLROHN, H.	Prussia: Grevenbruch	Coining press	6	{ Three engines for coining, punching, and milling the raw materials from England and Germany; from 45 to 50 coins could be struck in a minute with a motive power equal to that of one horse.
WAGNER, J. and Son	Zollverein: Berlin	Large centre-piece	23	{ Table ornament in shape of a fruit-dish, 43 feet in height, representing the degrees of civilization among mankind.
WAGNER, J. neveu	France: 47 Rue Neuve des Petits-Champs, Paris	Clock with a continuous motion for driving telescopes, and for collection of turret-clocks, which on the whole displayed great fertility of invention	10b	{ Clocks of different structure and mechanism, a dynamometer, and other philosophical instruments.
WALE, Prince of	England	Shield	23	{ Shield presented by the King of Prussia to the Prince of Wales, in commemoration of the baptism of the infant Prince, for whom his Majesty stood sponsor.
WERTHAUPT, C. M. and Sons	Zollverein	Chess board and men	23	{ Chess board and men.
WHITEHEAD, J. and Co.	England: Manchester	Large collection of engineers' machine tools of all kinds, screw stocks, standard gauges, and knitting machine. Also machine for measuring less than the mil fourth part of an inch	6	{ Self-acting lathes, planing, slotting, drilling, and boring, screwing, cutting, and dividing, punching and shearing machines. Knitting machine. Screw stocks with dies and taps. Measuring machine and standard yard.
WILLIS, H.	England: London	For his application to organs of an improved exhausting valve to the pneumatic lever, the application of pneumatic levers in a compound form, and the invention of a movement in connexion therewith for facilitating the drawing of stops either singly or in connexion.	10a	{ An organ consisting of three rows of keys and two octaves and a fifth of pedals. This instrument is built upon the German plan, viz., 8 feet manuals, and 32 feet pedals; altogether it contains, in 77 stops, nearly 4,500 pipes, the largest being 6000 32 feet, the smallest G \sharp of an inch. The great and swell organs are played by means of the pneumatic lever, exhibited in a vertical position, and worked without the aid of additional pressure of air. In the choir and pedal organs are introduced two newly-invented patent valves, over which the pressure of the air has but little influence. There is also introduced a patent movement in connexion with a compound application of the pneumatic lever, which brings the command of the instrument completely under the thumbs of the performer, enabling him to draw stops in combination of which there are 24 changes, thus rendering it, though elaborate, perfectly manageable. The mechanism includes several novel arrangements, and in the various bellows there are five different pressures of air.
WINFIELD, R. W.	England: Birmingham	Brass foundry work and metallic pedestals, with taper rolled pillars, and chandeliers	22	{ Plain and ornamental casted tubes. Wire and rolled metals. Cornice-pole. Curtains, bustle and rings. Stamped brass window-cornices. Brass and iron bedsteads and furniture. Chandeliers, bracket, gas-lights, and other articles of iron and brass.

THE PRIZE MEDAL

Was awarded for a certain standard of excellence in production or workmanship, utility, beauty, cheapness, adaptation to particular markets, and other elements of merit being taken into consideration according to the nature of the object. There were 2,918 of these conferred as follows:—

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
ABATE, F.	England : 3 Ernest-st., Albany-st.	Metallography	22	Specimens of a new art called Metallography : consisting in printing on, and ornamenting, metallic surfaces.
ABBA, Pasha	Egypt	Cereals	3	Soft white wheat of Upper Egypt.—First choice.
ABDEL, HAMID	Egypt	Raw material	—	Collection of raw produce.
ABERCROMBIE & GUYTHEN CO.	Wales : Newport, Monmouthshire	Process for blasting	1	{ Block of Abercrombie stone, very hard and durable. Blocks of Abercrombie and Guythen charcoal vein coal, and of Abercrombie rock vein coal. Apparatus, &c., used in raising these materials.
ABT, Brothers, BRESZEN, Bactericiser & Co., & other exhibitors	Switzerland : Canton of Argovio	Straw plait	20	Twisted straw, willow chip, and plaits. Horsehair and manilla plaits. Plaited trimmings, feathers, flowers, bags, slippers, carpet.
ACKLAND, W.	England : 19 Dorset-st. Portman-sq.	Dividing engine	10	Machine for the graduation of hydrometers, thermometers, &c. Scales for an hydrometer, showing specific gravities and per-centages.
ACELIN,	France : 36 Rue Bourbon Villeneuve, Paris	Jacquard Loom	6	{ Jacquard loom, with an apparatus for the substitution of the paper or pasteboard, with a diagram representing the details of the apparatus.
ADAMS, W. & Co.	America : Boston,	Lock	22	Combination bank lock.
ADAMS, JOHN	Ireland : Ballyderitt, Coleraine	Flax	4	Sample of flax.
ADAMS, W. B.	England : 1 Adam-street, Adelphi	Locomotive Engine and Railway Carriage	5	{ Light locomotive engine on four wheels. Double railway carriage for first and second class passengers. Patent spring, grease tight axle box.
ADAMSON, O. G.	Brazil	Feather Flowers	29	{ A bouquet of flowers of Brazil, made of the birds' feathers of that country, with the exception of a few made of beetles' wings, in their natural colours only. The bouquet comprised specimens of the coffee, cotton, and tobacco flowers.
ADCOCK & Co.	England : 3 Princes-st Cavendish-sq.	Feathers	16	A choice collection of dyed feathers.
ADDINGTON, W. H.	America : Norfolk, Virginia	Shoes for Mining purposes	20	Patent bellows, leather California boots.
ADDIS, J. B. jun.	England : 17 Charlotte-st. Blackfriars-road	Carving Tools	21	An assortment of carvers' tools.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
ADAMS, R.	England : 210 Regent-street	Piano-forte	10a	Royal Albert transposing piano-forte, with immovable key-board, ham- mers and strings.
ADAMS & CO. Manufacturing Co.	America : New York	Steel and Iron	1	Specimens of iron and steel. Pigs of decarbonized metal. Bars of iron, and 50lbs. of assorted cast steel.
ADAMS, J. N.	England : 6 Golden-square	Cigarette Machine	6	Machines for making cigarettes and cigars.
ADAMS, Brothers	Bavaria : Emsheim, nr Zweibrücken	Snuff-box	20	Various works in papier maché.
ADAMS & ALBRED	England : 126 Oxford-street	Fishing Tackle	20	Bows, arrows, and archery accoutrements. Fishing rods and tackle.
ADAMS & SON	England : Halifax	Damask & Genappe Yarns	12	Table covers, damasks, articles for ladies' dresses, plain goods all worsted, plain goods worsted and cotton, ponchos, janas.
ADAMS, J.	Russia : Tchernigoff, dist. Sourajsk	Woollen Cloths	12	Light grey cloth.
ALBERT, H. R. H. Prince	England : Windsor	Cereals	3	Three samples of grain, grown on the Royal Farm at Windsor, con- sisting of wheat, oats, and beans, one bushel of each.
ALBERT-JUN.	France : 19 Rue de la Vieille Estrapade, Paris	Blankets	12	Woollen, merino, and cotton blankets and counterpanes of every kind.
ALBERT, GREENHILL & CO.	India : Calcutta	Cinnamon	3	A very fine series of cinnamon from the western province.
ALBERT & HOLT	Amer. : Elizabeth Tn., New Jersey	Floor Cloths	19	Raw silks.
ALBERT, M.	France : 38 Rue D'Enghien, Paris	Silk	4	Specimens of china, porcelain, &c., designed by Alfred Crowquill, S. W. Arnold, and San Giovanni.
ALBERT, S. & CO.	England : Burslem, Staffordshire	China	25	Steeped flax and tow.
ALEXANDERMAN, Manufacturing,	Russia : near St. Petersburg	Canvas	14	Two pairs of electric telegraphs.
the Imperial of	Scotland : 20 St. Andrew-st.	Electric Telegraph	10	Cakes & balls of soap, liquid or cream soaps of various kinds, perfumes.
ALLAN, T.	France : 217 Rue St. Denis, Paris	Fancy Soaps	29	Ladies and children's straw bonnets and hats of a peculiar combina- tion of material.
ALLARD & CLAYE	England : 153 Champs-Élysées	Straw hats and bonnets	20	Vesta match-boxes, cigar-boxes, taper-stands, lamps, and other fancy articles in metals. Case of medals, metal buttons.
ALLEN, JAMES, & CO.	England : St. Hampton-row, Eilm.	Metal buttons	22	Samples of hosiery, showing the progress of cotton-spinning for hosiery from an early period.
ALLEN & MOORE	England : Nottinghams & London	Hosiery	20	Figures for hair-dressers, stays, and fancy articles.
ALLEN & SOLLY	France : 41 Rue Mont Martre, Paris	Wax flowers	30	Collection of Lingoa wood.
ALLAN, A. J.	India : Singapore	Wood	4	Bedstead.
ALMEIDA, Messrs.	China	Bedstead	20	{ Silk serges, black silk handkerchiefs, 20 hand-facing, Prussian bindings, and sewing-silk. Rich twist, dyed by W. Hammerley and Co., Leek.
ALOCK, R.	England : Leek	Sewing silks	13	Setting silk, barber's twist, silk whip-lashes, needlework buttons, &c.
ALSON, ROBINS & CO.	Switzerland : Canton of Appenzel	Muslin curtains	19	Embroidered muslin.
ALTHEUS, J. C.	Spain : Oviedo, Asturias	Preserved fruits	29	Preserved fruits and sweetmeats.
ALMEIDA, R.	Belgium : Emment sur Mer,	Quality of iron	1	Bars of iron for gun-barrels, war-arms, breeches, &c., and cast-iron.
AMASO, JOSEPH	Samar	Cotton cloth	11	Cotton cloth, including ticking, sheeting, striped shirting, bleached flannel, and drilling.
AMERICAN Manufacturing Co.	America : Manchester, New Hamp- shire	Improved silk	27	The world of a road covered with improved tiles.
AMSTER, E. V.	France : 51 Rue du Faubourg, Pella- mon, Paris	Blanketing point	27	
AMSTER, C.	England : London			

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

ARMON & Co.	Belgium : Liege ...	Collection of arms, and merit in a manufacturing point of view ...	8	A complete and varied collection of arms, consisting of guns, muskets, pistols, rifles, and other weapons.
ANDRE & Co.	France : Epône ...	French Battles ...	24	Various samples of battle-drapery, including shawls, tartans, checkings, &c.
ANDRÉGO, T.	Switzerland : St. Gall ...	Fine cambric muslins ...	11	Various samples of battle-drapery, including shawls, tartans, checkings, &c.
ANDERSON, G. & Co.	British Guiana ...	Sugar ...	3	Vacuum pan for sugar, from Plantations Cyle, East Sea Coast, Demerara.
ANDERSON, D. & J.	Scotland : Glasgow ...	Ginghams ...	11	Checked cotton ginghams, and checked cotton cravats.
ANDREAE, ...	Prussia : Mulheim on the Rhine, near Cologne ...	Velvet ribbons ...	13	Velvets : German, Lyons, and Genoa styles ; mantilla. Black figured velvet shawl. Worsted plush for furniture.
ANDREWS, MICHAEL	Ireland : Ardoyne, Belfast ...	Damask table cloths and napkins ...	14	Table cloth to be presented to the Earl of Clarendon by the Royal Society for the promotion of the growth of flax in Ireland. Table cloth of new pattern.
ANDREWS, R...	England : Southampton... ..	Neat pony carriage ...	25	Light outside car, with imitation caning on a new principle.
ANGELL, J. ...	England : 10 Strand ...	Enamels ...	28	Groups in silver of Arab merchants halting in the Desert, Sir Roger de Coverley and the Gipsies. A classic shield : the battle of Alexander and Darius. Salver : the Labours of Hercules.
ANGOLA, the Gover. of (1851.)	Portugal ...	Tacula wood ...	4	Tacula wood from Angola. Bouldings of all sorts. China paper & cards.
ANGRAND, —	France : 59 Rue Meslay, Paris ...	Ornamental papers ...	17	Lamb's wool hose, shirts, and pantaloons. Royal ribbed and cashmere shirts and pantaloons. Ladies' woollen vests and dresses.
ANGRAVE, Brothers	England : Leicester ...	Drawers and shirts ...	20	Prints by Albert Durer : plates taken by the Anastatic Process with impressions ; specimens of Appelotype printing.
APPEL, R. ...	England : 43 Gerrard-st., Soho... ..	Anastatic painting ...	30	Black cloth.
APPELLET, J. & D. ...	England ...	Cloth ...	12	Black cloth.
APOLLO Stearine Candle Co.	Austria : Vienna ...	Stearine candles ...	29	Stearine candles.
ARBUHNOTT, Messrs.	India... ..	Indigo ...	4	Indigo.
ARCHER, J. C.	England : Liverpool ...	Collecting and arranging the cabinet of Liverpool imports.	29	Specimens of the various productions imported into Liverpool. A collection of specimens intended by the exhibitor to prove the capacity of Nova Scotia to produce steel and charcoal iron in quantities sufficient for the supply of the whole British Empire, and, in quality, equal to the best Foreign articles, but at greatly reduced prices.
ARCHIBALD, C. D., F.R.S. ...	Nova Scotia : 15 Portland-place, London ...	Cast iron ...	1	Iron, cast & pig, grey, netted, bar, and rod. Steel iron : horse-nails, &c. Steel ; bars polished, and wire. Manufactured articles, as fenders, sword blades, knives, scissors, edge tools, surgical instruments, &c. Magneto-electric machines, steam engines, and working models.
ARDAMATSKY, Brothers	Russia : Novgorod ...	Flax ...	4	Flax and oakum.
ADDON & CHANCELL...	France : Briançon, Hautes Alpes ...	Silk ...	4	White fancy combed floss silk, obtained by the preparation and carding of spinning waste and throwing silk.
ARMITAGE, Brothers	England : Huddersfield and 80 Basinghall-st. ...	Woollen cloths ...	12	Wounded black and blue elephant beavers, weighing 45 and 48 ounces to the yard, made entirely of Port Philip wools. Albert check, and Albert cloth, the two sites being different colours. Exhibition cloth 56 inches wide, weighing only 12 ounces to the yard.



DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
ARMITAGE, G. & Co.	England : Bradford	Dyes for Cloths	18	Orleans, Cobourg, and Brazilian cloth ; mohair, silk and mohair, and silk and alpaca figures. Exhibited as specimens of dyeing.
ARMITAGE, M. & H.	England : Sheffield	Anvils	22	Anvils, vices, and hammers.
ARMSTRONG, W. G. ..	England : Newcastle-upon-Tyne	Hydraulic crane	5	Model of hydraulic crane, steam engine, accumulator, corn-lift, and hydraulic machine for unshipping coals.
ARNAVON, H.	France : Marseilles	Common & Marseilles soap	29	Various samples of soap for exportation.
ARNHEIM, S. T.	Prussia : Berlin	Iron safe bureau	22	Iron safe bureau : the large doors, cases, and locks, open and shut, notwithstanding their great weight, with perfect ease. Exhibited for workmanship.
ARNHEITER, M.	France : 9 Place St. Germain des Pres, Paris	Cutlery	21	Drying frames, pruning knives, fumigating apparatus, grafting knives, hedging knives, saws, and other horticultural implements.
ARNOTT, Dr. J.	England : Baker-st., Portman-sq.	Mode of applying cold as a novel therapeutical agent	10c	Apparatus for regulating the temperature of morbid parts, and causing equal pressure. Apparatus for removing contractions or obstruction in the excretory canals.
ARROWSMITH, G. A.	America : New York	Permutation locks	22	Jennings's permutation locks.
ASKA Sugar Factory	India : Madras	Ganjam sugar	3	Ganjam sugar.
ASAM Company	England : London	Assortment of Teas	3	Samples of teas, the produce of Assam, and entirely manufactured by natives of India.
ASTAGRAM, Sugar Company	India...	Sugar	3	Different kinds of sugar.
ASTON, W. ...	England : Birmingham	Buttons	22	Buttons, Florentine linen and holland, covered in silk, satin, &c. Upholstery buttons. Shell suspender gaiter, great coat buttons. Polished cut steel buttons, &c. Steel dress fasteners and ornaments. Series illustrating the manufacture of buttons.
ASTORIAN Company	England : Hinddersfield	Articles made of hare fur	12	Articles made of hare fur.
ATHATH, C. ...	Austria : Vienna	Meerscham articles	23	Meerscham cigar tubes and amber mouth pieces.
ATHERTON, Charles	England : Deptford	For application of an eccentric to working expansion valves	5	{ Pair of marine steam engines of 25 horse power, planned with a view to apply the sway-beam principle of construction to driving the submerged screw propeller. Model of expansion slide.
ATKINSON, R. & Co...	Ireland : Dublin	Collection of poplins	15	{ Irish poplin Jacquard loom, with new brocading machine. Irish poplins brocaded and gold barred ; and gold tissue. Brocaded and tissued Irish poplin scarves : striped furniture, and figured tabourets.
ATKINSON, William	England : Lamb's-passage, Finsby.	Bookbinders' cloth	17	Dyed and embossed calico, for bookbinding purposes.
ATLOFF, J. C.	England : 69 New Bond-street	Economic plan of cutting leather for shoes	120	{ Ladies' silk boots, and ladies' half-boots.
AVREY, John	England	Illuminating apparatus	0c	Illuminating apparatus for exploring long and narrow canals.
AVERESQ, DE LOAME & Co.	Algeria : Toulouse	Palm fibre	4	Vegetable hair made of the leaves of the Algerian dwarf palm tree.
AVIGNON, Chamber of Com. of	France : Avignon	Garnache	2	Madder and madder extracts.
AVILES, Commune de	Spain : Asturias	A Montanches ham	3	Hams from Aviles.
ACRAHEL, J. ...	France : 45 Rue de Trovies, Paris	Chimney decorations	23	Bronze and marble chimney piece. A door made of cut iron, gilt and painted to resemble gilt wood.
ASBIS, C.	England : Wolverhampton	Locks	22	Specimens to illustrate the rise and progress of the art of making locks. Apparatus to illustrate the original method of ornamenting tin goods.

DESCRIPTION OF ARTICLES EXHIBITED.

Class

ARTICLES REWARDED.

LOCALITY.

NAME.

ATREY, Brothers ..	France: 88 Rue des Jéneurs, Paris	Lace	19	Dress, shawl, handkerchief, tippet lace lappets, piece of lace application lappets.
ACCOC, — sen. ..	France: 6 Rue de la Paix, Paris	Dressing cases	23	Ladies and gentlemen's dressing cases.
ACHIER & LÉBOUX ..	France: 46 Rue des Lombards, Paris	Confectionary	20	Cord embroidery and articles for the use of confectioners.
AUDENARS, L. ..	Switzerland: Canton de Vaud...	Watches and watch movements	10b	A watch with two dials, showing the phases of the moon. A clock watch. Repeating watches. A pocket chronometer and other watches. A pistol.
ACROT, L. D. ..	France: 81 Rue Richelieu, Paris	Dressing cases	23	Work-boxes of all sorts for travelling and other purposes.
AUBERT, E. J. ..	France: 81 Rue Richelieu, Paris	Dressing cases	10c	Work-boxes of all sorts for travelling and other purposes.
AUGOUZ, Dr. L. ..	France: Rue de l'Observatoire	Anatomical models	19	Anatomical models calculated to aid the study of anatomy, human and comparative.
AYERS, W. ..	England: Newport-Pagnell ..	Wide thread lace	19	Specimens of Buckinghamshire pillow lace pieces.
BACCHUS & Co. ..	England: Birmingham ..	Cut Glass	24	Glass flower-stand, with vase and cornucopias; vases, decanters, tazas, wine-glasses, champagne glasses, and goblets, claret-jug, &c.; white, coloured, and cased, cut, engraved, enamelled.
BACH, G. F. & Son. ..	Saxony: Buchholz	Fancy gimps & silk fringes	19	Fringes; white cottons, bull, coloured ball, half silk bullion, half net, half sewing, sewing silk fringes; a large number of different patterns. Crêtes: half silk, worsted and cotton crêtes, trimmings, half silk, sixty patterns. Exhibited for cheapness and execution.
BACHE, Professor, A. D. ..	America: Washington	Balance	10	Standard weights, measures, and balances.
BACOT, P. & Sons ..	France: Soudan	Cloth	12	Satin cloths and kerseymeres.
BADIN, J. C. F. ..	France: 337 Rue St. Denis, Paris	Feather baskets	28	Basket work, and hats of diamond-like feather tissues.
BAGNALL and Jesson ..	England: West Bromwich ..	Coal	1	Column of South Staffordshire thick coal, showing the different working seams as they exist in vertical section.
BAGNALL, J. and Sons ..	England	Rod Iron	1	Specimens of pig, bar, and refined iron. Staffordshire bar iron, Pentwyn rails, lap welded boiler tubes, enamelled corrugated sheets, tin and term plates.
BAGUER, — ..	Russia: Kertch	Cereals	3	Hard wheat, called Arnaout.
BAILEY, J. ..	Canada: Sherbrooke	Pails	28	Several pails.
BAILY & Sons ..	England: 71 Gracechurch-st. ..	Cast-iron staircase work, } brass-work	22	{ A gothic church stove. Saloon grate, with dogs and fender. Gothic stoves, with brass dogs, &c. Gothic chandelier. Old English door handles, locks, &c. Cast iron stair-case work. Metal panels, &c. Improved pedestal stove, with candelabrum.
BAILY, E. H., R.A., F.R.S.	England	Statuary	30	A nymph preparing for the bath; and a youth resting after the chase; in plaster.
BAINES, W. ..	England: Birmingham ..	Railway switches and chair	5	An improved railway switch. Improved joint chair. Improved intermediate chair.
BAKER & Co. ..	England: Birmingham ..	Flower-stand and cages ..	22	{ Flower-stands. Plate and dish covers. Wire-gauze fire guards. Squirrel cage, with bells. Fancy window-blind patterns. Gauze Davy lamp. Mattress and sofa springs. Bras and iron weaving.
BAKER, B. J. ..	America: Boston	Light harness of superior workmanship	16	Specimens of harness.

DESCRIPTION OF ARTICLES EXHIBED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBED.
BALAY, Jules	France	Ribbons	13	Ribbons made of silk in the gum.
BALKFIELD	Mauritius	Straw and shell work	28	On behalf of Mlle E. Chapon, and Mles. Gaucourt. Works and ornaments in straw, made on the Sèthelles. Bouquete in shell work; baskets made of leaves of the cocou, vases, dials.
BALL, W. Y. and Co.	England: 32 Wood-st., Cheapside	Kid Gloves	20	Kid leather gloves, cut and made in England, manufactured from French-dressed kid skins.
BALL, DUNNICLIFF and Co.	England: Nottingham	Warp lace machine	6	Patent elastic velvet, silk elastic taffeta, Simla shawls, &c., from warp lace machine. Lace shawls, &c., from bobbin-net machine. Warp lace machine, making plain blonde.
BALL, W.	England: Rothwell, Northmpshire.	Two-horse plough	9	Criterion prize ploughs made of iron, with steel or cast-iron furrow turner. Two-horse wagon, either with pole or shafts.
BALLEIDIER, F.	France: Lyons	Assortment of vestings and figured velvets and terry	13	Figured velvets with or without embroidery; velvet waistcoats.
BANK QUAY Foundry Co.	England: Warrington	Great hydraulic press	5	Large hydraulic press, used in raising the Britannia Tubular Bridge.
BANKS, E.	England: Birmingham	Buttons	22	Mother-of-pearl shells used in the manufacture of buttons. Mother-of-pearl buttons.
BANZIGER, J.	Switzerland: Thal, near St. Gall	Embroidered double-flounced dress	19	Specimens of needle-work and embroidery. Handkerchief with lace border. Plain muslins and jaconet.
BAPTEROPES, J. F.	France: 27 Rue de la Muetie, Paris	Buttons	25	Specimen of needle-work and embroidery. Handkerchief with lace border. Plain muslins and jaconet. Special approbation in addition to the medal.
BARANOWSKI, J. J.	France: 3, Rue de Parme, Paris	Machines for printing and numbering tickets	6	Machine for printing, numbering, and registering tickets. Gas-meter index; ballot-box; and ready reckoning machine.
BARBETTI, A.	Tuscany: Siena	Carved coffer	26	Piece of furniture for a drawing room, consisting of a console plate-glass of the richest workmanship.
BARBOTTIN, Capt.	France	Capstan	8	Improved capstan for managing chain cables.
BARCLAY and Son	England: 170 Regent-st.	Wax, stearic, and other candles	4	Bleached wax, wax candles, night lights.
BARDOFFSKY, T.	Russia: St. Petersburg	Felt jugs	28	Articles of furniture, and utensils, made of felt and hare's fur.
BARERE, B.	France: 62 Rue Mazarine, Paris	Engravings by Collas's tracing machine	17	Specimens produced by four new engraving and carving machines.
BARLOW, W. H.	England: Derby	Wrought iron permanent way	5	Wrought iron permanent way for railways.
BARN, T. A.	Cape of Good Hope	Soft wheat	3	Sack of wheat.
BARNARD and Bishop	England: Norwich	Wrought iron hinge	22	Galvanized iron wire netting. Wrought iron hinge.
BARNES, J. B.	England: 143 New Bond-st.	Valerianates	2	Valerianic acid and valerianates.
BARNES, W.	America	Maple sugar	3	Sample of Maple sugar in a tin box.
BARNTON and Hirst	England: Huddersfield	Woolen cloths	12	Bucks. Orlens' stockings, and hair-lining for trouse.
BARRANDE, J. B.	France: 26 Rue du Fer a Moulin,	Assortment of Morocco colours and kid leathers of varied tints for table and bagging	16	Middle price Port Philip wool. Tanning, tanning, and dyeing. Manufactured calf, kid, lamb, sheep, and goat skins for boots and shoes.
BARNES, Brothers	France: St. Julien en St. Alban	Tanned skins for table and bagging	14	Specimens of tanned skins, calf, kid, lamb, sheep, and goat skins for boots and shoes.

DESCRIPTION OF ARTICLES EXHIBITED.

Class

ARTICLES REWARDED.

LOCALITY.

NAME.

BALBERT, EXALL, & ASHURWS	England : Reading	.. ..	Threshing machine and patent gear. Inseed and corn crusher ..	9	Portable farm steam-engine, with expansive movements. For use and other threshing machines for horse power. Hand-power threshing machine. Improved corn and grinding mill. Two varieties of one-horse carts. Hay-making machine. Cavalry forge with tools and specimens of horses' feet and shoeing. Safety horse gears. Nor-wagon harrow. Fly cultivation. Circular and iron harrows. Crushing mills. (A-cake mill). Pangon chaff-cutters. Iron lifting-crab. Road's sub-pulverizer. Improved ploughs. Barley hum-muler. Model of engine and machine house for a farm of 400 to 800 acres, with machines as arranged for work. Specimens of ecclesiastical bindings, in carved wood and polished oak, with electro-type mountings, solid metal covers. A variety of locks for doors, drawers, suitcases, &c., on various principles. Fancy keys.
BALBERT and Co. ..	England : 173 Fleet-st. ..	.. ..	General bookbinding ..	17	Plush and silk velvets for hats.
BALBON and Son ..	England .. ..	.. ..	Locks	22	Lady's desk in renaissance style. Lady's work-table in rococo style. Needles and fish-hooks of every description, with specimens exhibiting the different stages in the process of manufacture. Specimens of taxidermy. Life size model of the dodo.
BATH, MASSING, & PUNCHION	France : 29 Rue du Temple, Paris	.. ..	Black silks plush for hats	13	Wrought copper nails, roves, rivets, and washers.
BATH, J. BROTHERS ..	France : Wurzburg	.. ..	Lady's work-table ..	26	Porcelain of different patterns, comprising tureens, dishes, plates, tea and coffee services, night lamps, wash-hand jugs and basins.
BASTLER, W. and SONS ..	England : Redditch, or Birmingham	.. ..	Needles and fish-hooks ..	22	Woollen shoes of different shapes and sizes.
BARTLETT, A. D. ..	England : 104 Gt. College-st., Cambridge town ..	.. ..	Taxidermy	29	Belouian mineral products. Ores of uranium, nickel, vanadium, and cobalt, oxide of iron, and various minerals.
BARTHEM and PRETTYMAN ..	England : Brick-hill-lane, Upper Thames-st. ..	.. ..	Wrought copper-nails ..	22	Chemical and philosophical apparatus. An electro-magnetic apparatus by Professor Petrina. An apparatus for trying beer by Dr. Stieghell.
BARTO, PINTO, and Co. ..	Portugal : Aviero ..	.. ..	Porcelain	25	Preserves, pickles.
BATHUR, V. ..	France : A la Souterraine	.. ..	Novelty and cheapness in the production of wooden shoes ..	20	Steel for springs and other purposes.
BATKA, Wenzel ..	Austria : Prague .. ..	.. ..	Metallic preparations ..	2	Silk studs ; velvet for waistcoats, aprons, handkerchiefs. Exhibited for cheapness and quality.
BATKA, W. ..	Austria : Prague .. ..	.. ..	Chemical apparatus ..	10	A standard measure after Bessel. An ordinary yard measure.
BATTY and FRASER ..	England : 15 and 16 Finsby-penny	.. ..	Pickles	3	Beef, mutton, veal, and fish, preserved in their natural state.
BATHUR, A. T. ..	France : Aulus, Mons ..	.. ..	Quality of steel	1	Fastils and confectionary goods, tragacanth flowers, and birds with real feathers.
BATHUR, A. T. ..	Switzerland : Canton of Zurich ..	.. ..	Plain and armure silks and glacé gros-de-Naples ..	16	Presse-papier, in gold-embellished, rococo style ; the base ornamented with painted views, groups of flowers painted in enamel upon gold, with a mechanical singing bird.
BATHUR, T. ..	Prussia : Berlin .. ..	.. ..	Comparteur	10	Products of various patent processes used in extracating pure oils and greases from the refuse soap-suds of woollen, silk, and other manufactures.
BATHUR, H. ..	Switzerland : Vevey, Canton of Vaud	.. ..	Meats preserved by simple desiccation	3	
BAUB, Brothers ..	Wurtemberg : Biberach ..	.. ..	Confectionary ornaments ; of gum tragacanth ..	29	
BATTE, T. F. ..	Switzerland : Geneva .. ..	.. ..	Mechanical singing birds ..	29	
BAEWENS, L. F. ..	England : Wakefield .. ..	.. ..	Fat acids recovered from waste suds of woollen, silk, and cotton manuf-actures	4	

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
SAV, Paul de	Belgium : Brussels	Pointes de Paris nails, &c.	22	Samples of nails called pointes de Paris made of fine brass and copper wires.
ATALL, H. .	France : 81 Rue de la Paix, Batignolles	Talbotypes	10	Photographic drawings in frames.
BAVET, Brothers and Co.	France : Choisy le Roi . .	Assortment of Morocco, roan, and calf leather . .	16	Leather, and Morocco leather.
BASIN, — sen.	France : Mesnil St. Germain . .	New variety of wheat, and an important collection of agricultural produce	3	Samples of wheat in the ear and in seed;
BASIN, Xavier	America : Philadelphia . .	Fancy soaps	29	Perfumery and soaps.
BAZEL, T. .	Cape of Good Hope	Cotton	4	Three bales of cotton from Port Natal.
BLANCHET, C. and C. .	England : Thongsbridge . .	Woollen cloths	12	Woollen pantaloons, plain and fancy.
BLANCHET, Isaac and Co.	England : Thongsbridge . .	Woollen cloths	12	Woolen broad coating made of Australian and Silesian wool. Fancy woollen trousseings.
BLANCHET, A. .	Belgium	Theodolites and sextants	10	Philosophical instruments.
BEAUVAIS, C. .	France : 18 Rue Notre Dame de Nazareth, Paris. . . .	Silk	4	Raw silk.
BECK and SONS	Belgium : Courtray	Valenciennes lace. . . .	19	A collection of broad and narrow Valenciennes laces of good fabric.
BENNETT and TONKS	England : Birmingham . . .	Brass work, various	22	Brass foundry consisting of hinges, ventilators, bolts, bell-crank pulleys, castors, chair-arms, stair-rod, desk-rails, window-fittings.
BER, J. F. .	British Guiana	Cotton and woods. . . .	4	Cotton, hard and loose seed, cleaned and uncleaned from Woodlands, Demerara.
BEGGING, J. . .	England	Life boat	8	Design of a life boat, recommended for the prize of 100 guineas, offered for the best life boat by the Duke of Northumberland.
BERGHOFF, BUTLER, and Co.	England : Leeds	Railway wheels and axles	5	Entire wrought iron railway wheels, with solid wrought iron bosses, forged in one piece, tyres and axles bent cold. Improved axle-trees, improved movable eccentric tumbler.
BETENAEHT, Antoine	Belgium : Brussels	Oak cabinet	26	A pile of five stones of Gobertange. Carved oak press for arms.
BESSERL, S. and Son	Prussia : Aix la Chapelle. . .	Needles of English steel	22	Samples of needles manufactured from Sheffield steel, rolled and drawn into wire in Germany. Fancy bodkins, knitting pins.
BELL, John . . .	England	Statuary	30	Model for statue of Lord Falkland for the new palace at Westminster ; and bronze cast of the Eagle Slayer.
BELL, T.	America : New York	Soft wheat	3	Farm products : spring, soule, Mediterranean and Baid white flint ; barley, rye, buckwheat, oats, Indian corn, Indian corn in the ear, brown corn, flax, millet, clover, and timothy seeds, Groom brush.
BELLANOE, A. L. .	France : Rue de Marais, St. Martin, Paris	Inlaid buhl furniture . .	26	Articles of furniture in buhl.
BELLEVALLE, Brothers	France : Nancy	Starch, &c.	4	A bag containing starch.
BELLON, Joseph and Co.	France : Lyons	Black satins and taffetas	13	Figured silks.
BELVALETTE, Brothers	France : Boulogne	Stanhope or sporting phonon	5a	Hunting and other carriages of excellent design, and well finished.
BESMAN and Son	England : 19 Wigmore st. .	Conducting apparatus . .	22	Electricity apparatus, Voltaic batteries, Wheatstone's telegraph system, and other electrical apparatus.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
BESKOWITZ, Marie ..	Austria : Vienna ..	Embroidered crape on white silk ..	19	{ An embroidery of crape thread on white gros de Naples, representing Democritus. An embroidery of wool and silk representing the grave of the fallen soldier.
BENNATI, J. ..	Sardinia : Genoa ..	Filigree ..	23	{ Filigree, with a pedestal, of Christopher Columbus, in silver filigree.
BENNETT, J. and A. ..	England : Huddersfield ..	Woolen cloths of new materials ..	12	{ Cloths from Prussian and Cashmere wools. Double Napier cloths of Vienna wool.
BESSUCH, TWENTYMAN, and Hugo ..	England : 77 Wood-st. ..	Gimpes, fringes and cameo braids ..	19	{ Ribbons, gimpes, fringes, trimmings, silks, handkerchiefs, satin wire, button, and gimp for manufacturing purposes.
BENOIST, MALOT, and WILBRAUNE ..	France ..	Flannel ..	12	{ Fine flannels.
BENOT, A. ..	Sardinia : Cluses ..	Watches and tooth-polishing machine ..	10b	{ Machines used in the manufacture of watches. Specimens of watch-work. High pressure steam-engine. Measuring apparatus for railroads.
BESSON, W. ..	England : 133 Oxford-st. ..	Selection of raw and manufactured tobacco ..	3	{ A fine selected series of varieties of American and other tobacco, consisting of Flor de Cabanas, Martinez, Havannah cigars, and samples of tobacco.
BENTALL, E. H. ..	England : Heybridge, Essex ..	Cultivator dynamometer ..	9	{ Broadshare and subsoil plough, mangle or ridge hoe, double foin with wrought iron beam, N. G. H. plough, gold harrow plough. Dynamometer.
BENTLEY, W. H. ..	England : Bedford ..	Cooking apparatus ..	22	{ Garden irrigator, cooking apparatus, self-acting kitchen range, apparatus for sweeping chimneys, universal tea-kettle, alarm locks, registered stove, improved coffee-pot, and filtering cistern.
BENZONI, Gio Maria ..	Italy : Rome ..	Statue ..	30	{ Marble statue of gratitude.
BERANGER, Antoine ..	France ..	Painting on China ..	30	{ Head on porcelain, and portrait of Prince Albert on china.
BERANGER, J. and Co. ..	France : Lyons ..	Weighing machines ..	5	{ Scales, weighing machines, and various other implements for weighing.
BERGER, Joseph and Son ..	Austria ..	Shawls ..	15	{ A collection of shawls, and a square of Kashmir wool, worked with gold.
BERGER, S. ..	England : Bromley ..	Rice starch ..	8	{ Berger's rice starch.
BERGMANN and Co. ..	Prussia : Berlin ..	Dyed Berlin woollen yarns ..	18	{ Worsted zephyr yarns.
BERLIOZ and Co. ..	France ..	Fine mirror ..	24	{ Looking glasses.
BERNARDEL, — sen. ..	France : 21 Rue Croix des Petits Champs, Paris ..	Violas ..	10a	{ Violins, violoncelli, altos, fiddle-sticks, and strings for musical instruments.
BERNHARD, W. ..	Saxony : Leipzig ..	Woollen cloths ..	12	{ Woollen stuffs, buckskin for paletots and great coats. Calmues.
BENT and MEDARD ..	England : Southwark ..	Hats ..	20	{ Military and court hats. Ladies riding hats, plush hats, and velvet folding opera hats.
BERNIMOLN, N. and Brother ..	Belgium : Liege ..	Guns ..	8	{ Double barrelled guns and pistols.
BEAUVILLE, LAISONNIE, and CHENESE ..	France : 23 Rue des Jelineurs, Paris ..	Fancy fabrics printed in steam colours ..	18	{ Combed wool, woollen yarn, unbleached and dyed tissues, printed and figured.
BERR and Co. ..	France : 17 Rue de Clery, Paris ..	Robe shawl, scarf, veil, Berthe cape, &c. ..	19	{ Net embroidery and muslin of all sorts.
BERRIS, Brothers ..	France : 73 Rue Montmartre, Paris ..	Designs for shawls ..	30	{ Designs of all kinds of Cashmere shawls.
BEERY, B. and Sons ..	England : Bowling, near Bradford ..	Machinery for manufacturing worsted ..	6	{ Machinery for the manufacture of worsted yarns.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

BERT, J. J. and Co ..	Spain : Madrid ..	Stearic candles ..	29	Various acids, stearine candles, soaps, wax-lights, and vegetable wax-candles, or stearine prepared from oils. White oil soap. Yellow oleine soap.
BERTAUD, Jun. ..	France : 32 Rue de Bretagne, Paris ..	Slices of crystals ..	10	Experimental crystals, spath, quartz and crown prisms, achromatic objectives.
BERTCHE, CHESNON, and Co. ..	France : Sedan ..	Fancy doeskins ..	12	Cloths of all colours, kerseymeres, satins, articles for paletots, fancy goods.
BERTHAULT ..	France : Issoudun ..	Parchment and vellum ..	16	Parchments of various sorts for bookbinding, coverings, boxes, sheaths, printing.
BETHÉLOT, N. ..	France : Troye ..	Circular hosiery frames ..	6	Two circular looms for the weaving of hosiery, and specimens of work.
BETHÉLOT and BONTÉ ..	Belgium : Courtray ..	Handspun flax yarn ..	14	Flax thread made by hand, called Fil de Mulguinerie.
BERTHON, Rev. E. L. ..	England Fareham: ..	Perpetual log clinometer } and collapsible life boat }	8	Models of perpetual log for indicating the speed and lee-way of ships, and of his clinometer for showing the list or inclination and trim of ships, and also for a collapsible life-boat of a portable and useful description.
BERTINI, G. ..	Austria : Milan ..	Painted window ..	30	Great painted window representing Dante and some of his ideas.
BERFONNET ..	France : 65 Passage Choiseul, Paris ..	Sporting guns and arms ..	8	Guns of several kinds, damasked and carved rifle guns, drawing-room pistol, pistol with curved barrel.
BERTRAND, GATÉ, and DE-MONTAT ..	France : Lyons ..	Chiné and figured silk shawls scarfs and cravats ..	13	Figured silks, shawls, neckerchiefs, scarfs.
BESLEY, R. and Co ..	England : Fann Street ..	Types ..	17	Specimens of printing types. A complete set of Elizabethan or church text, with initial letters of the Tudor period. Typographical ornaments taken from the remains of Nineveh and Etruria. Courts, hands, Persian, Syriac, and Arabic. A type-founder's mould, matrice with types attached.
BESNARD, RICHOUX, & GENEST BESSENER, H. ..	France : Angers .. England : Old St. Pancras Road ..	Hemp &c. .. Centrifugal machine for refining sugar ..	4 6	Various specimens of hemp ropes, and cords of all dimensions. Vacuum slate table for holding plate glass during grinding and polishing. Centrifugal machine for separating molasses from crystals of sugar.
BESSON, G. A. ..	France : 7 Rue des Couronnes, Paris ..	Various metal musical instruments ..	10a	Cornet-a-piston in brass and silver, ophicleide.
BETHILL, J. J. ..	England : Westminster ..	Preserved woods ..	4	Wood saturated with oil of tar.
BETTONIES, M. de ..	France : St. Amand les eaux ..	Porcelain ..	25	Porcelain vases (soft biscuit), ornamented and mounted in bronze ; flower stands.
BETTS, A. ..	England : Royal Exchange .. England : King Wm. Street, City ..	Two violins .. Furs and skins ..	10a 16	Two violins. Sheep wool, and Angora goat mats for hearthrugs, carriers, &c., furs, including cardinals, muffs, boots, &c., natural and dyed.
BEVINGTON and MORRIS ..	France : 44 Rue Mazarin, Paris ..	Cylindrical lenses ..	10	Concave glass 8, polyprisms, lenses, eyeglasses.
BEVERLE ..	Saxony : Zittau ..	Damask cloths and napkins ..	14	Linon damask table cloth, tray cloth, with napkins and doyleys, raw, white and bleached.
BEYBES and Co. ..	Tuscany : Florence ..	Table in Florentine mosaic ..	27	A round table in mosaic, the table represented a wreath with the plants of which it is then made.
BIASINI, G. ..	England : Grosvenor ..	Madras Gaze ..	1	Portrait of a man in a military uniform, painted in oil on canvas.

NAME.	LOCALITY.	ARTICLES EXHIBITED.	DESCRIPTION OF ARTICLES EXHIBITED.
MASON, R. P.	Amsterdam	Vanston glass	Cast glass, stained window frames, enamelled stones, artificial precious stones, beads, glass buttons, hair's pendants.
THOMAS, H. and SON	England: London	Specimens of low priced hosiery	Assorted low cashmere, heads, trousers, and various fancy items of hosiery.
BROOKS, H. W. and SON	England: Leicester	Specimens of low priced hosiery	Assorted low cashmere, heads, trousers, and various fancy items of hosiery.
WILSON and HIGGINS	France: 4 Rue du Sentier, Paris	Yarns	Worsted, hanks wool, royal and bed and cashmere shirts and drawers, hose, &c. Tarnsey and Jersey frocks. Fancy polka coats. Lisle thread, silk mixed cashmere, &c., gloves.
BUTCHER and HAMES	England: Leicester	Yarns	Combed wool and woollen yarn.
BROOKLEY, F. and SON	England: Regent's Park	Tobacco wool, low Panissier	Several pieces of smooth cloth, cashmere, tweed, satin Berry.
BURR, J.	England: St. Martin's Lane, City	Printed cloth	Machine for cutting roof and sash bars.
BIRD, W. and Co.	England: Nottingham	Machine for cutting	Specimen of pig, bar and refined iron. Staffordshire bar iron. Pentwyn rails, lap-welded boiler tubes, enamelled corrugated sheets, tin and term plates, &c.
BERKIN, R.	Austria: Pestin	Machine illustrating iron trade	Machine for the production of bobbing net lace, &c., black silk lace edgings, &c. white silk blondes, edges, insertions.
BREINHAUM, Jacob	Scotland: Dunfermline	Bobbin net lace machine	Prepared Hungarian hemp.
BIRRELL, David	Prussia: Linz on the Rhine	Hemp	Table-cloths of fine Flemish flax yarn.
BISCHOP and RHODICS	Switzerland	Danask table cloths and napkins	White lead and white zinc. Kronsceweis pure carbonate of lead.
BISHOP, T.	India: Tanjore	White lead	Black satin, gros du Rhin, Sego.
BISSE, Louis Emile	Belgium: Anderlecht nr Brussels	Black tatista, &c.	Fixed oils.
BLACK, James and Co.	Scotland: Glasgow	Fixed oils	Animal and vegetable oleine.
BLACK, J.	Scotland: Edinburgh	Printed muslins and fancy fabrics	Printed cambrics, mousseline-de-laines, bareges.
BLACKBURN, B.	Ireland: Kerry	Paper folding machine	Paper folding machine.
BLACKWELL, S. and R.	England: 256 Oxford Street	Slate Slabs	Specimens of slate slabs from the island of Valentia, sash bars, roof ridge, park, or garden seat, slate table.
BLACKWELL, S.	England: Dudley	Phaeton Harness	Cab or phaeton harness of black patent leather, improved fetlock leg, and speedy cut-boots.
BLAESER, G.	Prussia: Berlin	Iron ores	A collection of all the iron-ores of the United Kingdom.
BLAIR, D.	British Guiana	Statue of Beethoven	Statue of Beethoven in bronze. Equestrian statue of the Emperor of Russia in bronze.
BLAKE and PARKIN	England: Sheffield	Cotton	Cotton cleaned and undecolored from plantation Batavier, Mahalea river. Improved cast-steel files and rasps. Improved cast steel saws, knives, &c., for paper-makers, cloth-manufacturers, tobacco manufacturers, cork-cutters, tanners, curriers.
BLAKELEY, Edward, T.	England: Norwich	Saws and files	Norwich cashmere green scarf shawl, gold introduced. Shawls of cashmere wool, Anglo-Indian scarfs, shawls, dresses, brocade.
BLANCHARD, M. H.	England: Westminster Road	Shawls and barege scarfs	Terra cotta, Ionic capital, Gothic pinnacle. Model of the Yarrowburgh testimonial.
BLANCHET, Brothers & KLEBER	France: Rives	Terra cotta	White and coloured paper sized and unsized.
BLANZY, POUSSÉ and Co.	France: Boulogne-sur-mer	White and coloured papers	Steel-pens of every shape.
		Metallic pens	

NAME.

LOCALITY.

ARTICLES REWARDED.

Class.

DESCRIPTION OF ARTICLES EXHIBED.

BLERCH, STEINBACH & MATZ	France: Mulhouse	Mousseline-de-jaines, &c., in madder colours..	18	Printed cotton goods.
BLEEKRODE, Professor S...	Netherlands: Hague	Oxide of zinc ..	2	Patent white paints from oxide of zinc. Yellow chromate of zinc.
BLEWS, and Son ..	England: Birmingham	Ship lamps and bells ..	22	Green oxide of zinc. Chloride of zinc.
BLISS, William ..	England: Chipping Norton	Shawls ..	15	Brass candle and slip lamps, candlesticks, imperial measures and weights, bells, scuttles.
BLODGET, S. C. ..	America: New York	Sewing machine ..	6	Kersey check webbing, &c., for horse clothing. Tweeds for trousers.
BLONDEL, GASTON and Co.	Sardinia: Turin ..	Rice ..	3	Alpa Vicuna beaver cloth, and royal shawl. Angola and beaver shawls. Coverlets for beds.
BLUNDELL, SPENCE and Co.	England: Hull ..	Painters' colours ..	2	Specimens of various qualities of rice.
BLUNDELL, — ..	India ..	Woods ..	4	Colours for oil painting and paper staining. White ox-chloride of lead. White zinc paint. New drying oil. Anticorrosive and stucco paints. Dryer. Composition for ships' bottoms. Oils, black-lead, and varnishes. Hydraulic seed presses.
BLENT, Henry ..	England: Shrewsbury ..	Model of Eristlothenos } Moon ..	10	Collection of Indian woods.
BLYTHE, R. ..	England: Park Lane ..	Saddles ..	16	{ Model of a lunar crater (Eristlothenos), diameter of the crater about 28 miles.
BOAS, Brothers ..	France: 4, Rue Vide Cousset, Paris	Indian shawls ..	15	Lady's saddle, and hunting or park saddle, with improved elastic seat. Harness pad.
BOEE and LEMIRE ..	France: Choisy le Roi ..	Acetic acid, and acetates	2	Breccated cashmere of Indian wool yarn, and worsted shawls. Chemical products.
BOCKMUEHL, Brothers, SCHLIEFER, and HECKER..	Prussia: Elberfeld ..	Printed calicoes ..	18	Patterns of printed calicoes, various colours, including rose, lilac, green, blue, orange, geranium.
BOECKER, R. and H.,	Prussia: Remscheid ..	Hardware ..	22	Hardware and cutlery: files, locks, scale beams, skates, shears, saws, &c. Patterns of drawing, chopping, and coopers' knives, cleavers, saws, scythes.
BOESCHE, C. J.,	Prussia: Magdeburg	Fountains and models ..	30	Models: the cathedral at Magdeburg, made of lime-tree wood, the spring at Nuremberg, and one of an original spring.
BOLAND, A. ..	France: 52 Rue St. Louis, Paris	Kneading machine ..	6	A mechanical kneader, adapted to mixing and washing.
BOLENIUS and NOITZ	Prussia: Bielefeld ..	Fine lineens ..	14	Samples of linen yarn, bleached linen, and bleached linen drill, linen pocket-handkerchiefs.
BOLINGBROKE, C. and F.	England: Norwich ..	Poplins ..	15	Plain, striped, and watered poplins.
BOLTON, T. ..	England: Birmingham ..	Brass and copper tubes ..	22	Specimens of the process of manufacture of wire and tubing, locomotive and machinist drawn tubing, brass solder.
BONARDEL, Brothers ..	Prussia: Berlin ..	Jaquard and punching machine for Jacquard card	6	Jaquard machines, machine for stamping patterns for Jacquard work. Machine for cutting corks.
BOND, S. ..	America: Tennessee	Cotton	14	Specimens of cleaned cotton, showing the present state of the art.
BONNE and Son ..	England: 75 Fleet-street	Cloth book-binding ..	17	Specimens of book-binding, showing the present state of the art.
BONNET, J. ..	France: Paris ..	Embroidered fabrics ..	18	Embroidered fabrics.

DESCRIPTION OF ARTICLES EXHIBED.

NAME.	LOCALITY.	ARTICLES REWARDED.		
BONNET, — Jun.	France : Rue Chemin de Ronle de la barrière Montmoutant, Paris	St. John in enamel ..	30	Chemical apparatus and crucibles for casting in refractory earth.
BONNETON, J.	France : St. Vather	Organisine for plush & satin ..	33	Raw and thrown silks, and silk cocoons.
BOSTERS, —	France : 8 Rue de Cléry, Paris	Mechanical birds ..	29	A bronze clock, surmounted with mechanical birds. Group of Venetian ventilators.
BOUYER, J. H.	England : 14 Stanhope-street ..	Locks ..	22	Three bolt mortice and rim locks. Various other locks, fastenings.
BOOTH, T. and R.	England : Durslem ..	Parian vases ..	25	Portland vase, fawn ground, white figures, about three feet high, vases, groups of flowers and statues in Parian. Parian bust of Sir Robert Peel. Doric mosaic vases. Azure Grecian, and fawn jugs, inlaid with white, traced in gold.
BOUË, Brothers	France : 27 Boulevard Poissonnière Paris ..	Hollow brick machine ..	6	Tubular bricks of whatever shape and size, and machines to manufacture them.
BOUË, Brothers	France : as above ..	Tubular bricks ..	27	As above.
BOUGHETTI, Benedetto	Rome ..	Table in Roman mosaic ..	27	Two mosaic tables of three feet diameter each.
BOSSARD, J.	England : Bermondsey ..	Curried calf leather ..	16	Leather : boot fronts.
BOSSE, J.	Austria : Veit ..	Fancy Fabrics ..	18	Shawls, scarfs, and dresses printed in steam colours.
BOSSE, J. P.	France : 26 Rue St. Hyacinth St. Michel, Paris ..	Inlaid marble table ..	27	Marble table in mosaic work.
BOTTINELLI, G.	Austria : Milan ..	Mantelpiece ..	27	Three marble mantelpieces richly ornamented. Model in plaster of a mantelpiece.
BOTTOMLEY, M. and Son ..	England : Halifax ..	Figured goods ..	12	Figured mohair lustre, and Orleans of worsted and cotton mohair, and Orleans Serge Mohair lustre.
BOUCHER, E. and Co.	France : 15 Rue des Vinaigriers, Paris ..	Culinary vases ..	22	Culinary vases, hardware and trellis, tinned by electro-chemical process.
BOUCHER, T.	Belgium ..	Gas retort ..	27	Fire-clay retort for gas. Sagger for baking porcelain.
BOUCHERIE, J. A.	France : 4 Rue Mondrie, Paris ..	Preserved wood ..	4	Various kinds of wood dyed by a chemical process, which tends to their preservation.
BOUCHEZ-POTHIER	France : Warmeriville ..	Merinos ..	12	Dyed and unbleached merino fabrics.
BOUDON, L.	France : St. Jean du Gard ..	Silk ..	4	White and yellow silk for bolting cloth, web and satin organzine, gauze, and other articles.
BOUHARDET, C. P.	France : 70 Rue de Bondy, Paris ..	Carved billiard table ..	26	Carved billiard-table with appointments.
BOULLEITE & HYVELIN & Co.	France : 47 Rue St. Avoys, Paris ..	Artificial stones ..	23	Frontlet composed of seven brooches, stomachers, bracelets, brooches, and other articles of gold and silver jewellery set with stones.
BOULTON and Son ..	England : Redditch ..	Needles and fishhooks ..	22	Needles, steel meshes, surgeons' needles, sail hooks, bodkins, harpoons, spears, and grains for whale fishing, fish-hooks.
BOURGEBY, Madame	France : 24 Rue Hauteville, Paris ..	Carton-Pierre models ..	26	Painting in relief. Paintings of fruit and detached fruit. Pathological anatomical subjects.
BOURGOGNE, J.	France : 2 Rue d'Arcole, Paris ..	Microscopic preparations ..	10	A series of microscopic preparations.
BOURNE, J.	England : Derby ..	Stoneware ..	13	Articles manufactured from fine stone-ware clay. Garden labels.
BOUVARD and LANÇON	France : Lyons ..	Specimens from their looms ..	25	Figured silks, satin, and damask, lustring, brocatelle.
BOUXWILLER, Mining Comp'y.	France : Bouxwiller ..	Prussiate of potass, alum, &c ..	2	Purified and common alum, sulphate of iron, prussiate of potass, Prussian blue, gold size.

DESCRIPTION OF ARTICLES EXHIBITED.

BOWERS, CHALLINOR, and WOOLSCROFT	England : Staffordshire	Imitations of oak carvings in porcelain	27	Imitations of oak carved cornice, rosewood. Gothic cornice, &c., in pottery.
BOWLING Iron Company	England : Bradford	Quality of iron	1	Specimens of iron ore, coal, &c., and of smelted and manufactured iron.
BOYER, V. P.	France : 38 Rue Saintonge, Paris	Electro gold	23	Various bronze articles, clocks, candelabras, figures, cups, lustres, and bronze of art.
BRACE, H.	England : Walsall	Bits, stirrups, and spurs	16	Two cases of bits, stirrups, and spurs.
BRADBURY and EVANS	England : Whitefriars	Printing	17	Various specimens of letter-press and wood-cut printing.
BRADY, M. B.	America : New York	Daguerreotypes	10	Daguerreotype likenesses of illustrious Americans.
BRUNNFELD and GÜTRUF	Hamburg	Inkstand	23	Silver writing stand.
BRANE, C. T.	China	Screen	26	Japanned screen.
BRAMAN and Co.	England : Piccadilly	Locks and castings	22	Assortment of locks, with illustrations of their construction.
BRAMWELL, T. and Co.	England : Newcastle-upon-Tyne	Prussiate of Potass	2	Ornamental iron castings.
BRANDON, N. D.	Netherlands, Amsterdam	Stearic candles	20	Crystals of prussiate of potass of commerce. Ferrocyanide of potassium of chemists, used for dyeing instead of indigo.
BRAYO, Michael	Sardinia : Pignerol	Organzine for satins	13	Stearine candles and tapers. Lime soap. Stearic acid.
BRUNS, Brothers	Prussia : Hersfeld	Woollen cloths	12	Specimens of raw silk, organzine with thrown silk.
BRAY d'Anglure de	France : 10 Rue de Castiglione, Paris	Galvanized zinc statue, bust	22	Light and dark blue and dark green woollen cloths, bronze cloths, and black satin-de-laine cloth.
BRAZIER, J. and Son.	England : Wolverhampton	Gun lock	8	Vases, statues of galvanized zinc, bronze busts.
BRITHART, F. W. and Son	Prussia : Cassel	Surveying instruments	10	Specimens of gun manufacture.
BREITKOPF and HARTEL	Saxony : Leipzig	Grand piano-forte.	10a	locks, musket percussion locks.
BREWER, C. and W.	England : Larkhall Lane	Wire cloth rollers for paper-makers	6	Physical instruments of several descriptions.
BRIGARD and GATHIER	France : Woincourt	Locksmith's work	22	Concert piano-forte in rosewood case.
BAIDERT, T. and Co.	England : Derby	Sewing silks, purse twist & sarsnet ribbon	13	Rollers, moulds, &c., for paper making. With illustrations.
BARE, J. and Co.	England : 139 Regent-street	Embroidered shirt fronts	19	Several articles of locksmith's work, and rollers for spinning.
BROES, G. and Co.	England : Wigmore-street	Chariot	5a	Specimens of sewing silk for saddlers, bookbinders, staymakers tailors, netting or purse twist, and sarsnet ribbon.
BAIGUT, R.	England : 57 Bruton-street	Carrriage lamps	22	Shirt fronts, shirts of an improved cut. Embroidered handkerchiefs, and flannel waistcoats.
BAUSCH and SONS	England : Kidderminster	Velvet pile carpet and Axminster rug	19	Town chariot, in good taste and admirably carried out, and mail-phenon.
BARWARD, H.	England : Birmingham	Buttons	22	Lamps, lamp-wicks.
BARON, Brothers	France : Lyons	Black silk gloves	2	Velvet tapestry, Wilton carpet, Axminster velvet rugs, and registered designs.

NAME.

LOCALITY.

ARTICLES REWARDED.

Class.

BRITISH ELECTRIC TELEGRAPH Company	England	Series of electric telegraphs	10
BRITISH GUIANA, The Royal Agricultural and Com- mercial Society of	British Guiana	Colonial produce	4
BRITISH PLATE GLASS COMPANY BROADWOOD, JOHN and SONS	England	Plate Glass	24
BROCKHAUS, F. A.	England: 33 Great Pulteney-street Saxony: Leipzig	Successful improvements in piano-forte making	10a 17
BROCKLEHURST, J. and T.	England: Macclesfield	Collection of printed books	13
PROGOT, A.	France: 18 Rue Charlot, Paris	Persian serges, sarsnets, gros- de-Naples, handkerchiefs	10b 4
BRONNO-BRONSKI, Major Count de	France: Bordeaux	Half dead jeweled escape- ment	11
BROOK, J. and Brothers	England: Huddersfield	Silk	12
BROOKE, J. and Sons	England: Huddersfield	Two to nine-cord sewing- thread	21
BROOKES, W. and Son	England: Sheffield	Woollen cloths	12
		Edge tools	13
PROOKLYN FLINT GLASS COMP. BROSCHÉ, F. X.	America: New York	Flint glass	4
	Austria: Prague	Succinic acid and oxide of chromium and uranium	2
BROSSE & Co.	France: Lyons	Coloured velvets	13
BROUGH, J. and J. and Co.	England: Leek	Sewing silks	13
BROUSSA, Ecole de Sircicul- ture de	Turkey: Broussa	Silk	4

DESCRIPTION OF ARTICLES EXHIBITED.

Wheat's electric telegraph and apparatus. Printing telegraph apparatus for two or two wires; another for which any one of 25 wires. Hand characters can be printed by a single touch of a key. Morse's arrangement of telegraph, worked by secondary power. Telegraph for showing the letters of the alphabet instantly by the touch of a single key with revolving pointer or revolving disc. Series of indicating and pointing telegraphs, worked by various descriptions of coils and steel magnets, and by coils acting on soft iron. Series of telegraphic alphabets.

There were about 120 articles of the products sent by the inhabitants of this important colony, and exhibited under the superintendence of Mr. Hulgway, the Company's agent.

Two looking-glasses, each upwards of 12 feet high.

Grand piano-fortes of different constructions.

Printed books: a collection of 256 volumes, all printed in the year 1850, in the office of the exhibitor; in elegant covers.

Raw, thrown, and dyed silk. Sewing silk in raw and dyed state.

Spun silk exhibiting the material and its stages in process. Velvets, satins, moire antiques, glacé gros-de-Naples, levantines, serges, vestings, sarsnets, Persians, ribbons, handkerchiefs, scarfs, shawls, gauze veils.

Ornamental clocks, medallions and various objects in bronze, marble.

Unbleached silk, and silk cocoons, the produce of the breed of Bronski silk-worms.

Specimens of raw cotton, carded cotton, rovings, throstle yarns, sewing thread, thread and crochet cotton.

Specimens in each stage of the manufacture of broad woollen cloth, assortment of broad woollen cloths.

Emigrants' horticultural, and gentlemen's tool-chests, wedge axes, felling, siding, squaring, and various other axes, adzes, &c. Brazil tools, mattocks, stone-picks, &c.; hatchets, cleavers, choppers, hedging bills, horticultural and other shears, engineers and carpenters' edge tools, coach and locomotive wrenches, screw stocks, taps, and dies, pliers, punches, compasses, hammers of all kinds, table cutlery.

Specimens of flint glass.

{ Chemical productions, including succinic acid, tartaric acid, sesquioxide of chromium, sesquioxide of uranium, and mercurial compound. }

Plain velvets in silks of different colours.

Sewing silk, purse or netting silk, leger twist, silk twist.

Raw silk, and silk spun by the filanda of Paulakey, and by the steam filanda of Yussuck Bey Oglou.

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

BROWN, S. R. and T.	Scotland: Glasgow	..	Book-robe, short cambric handkerchiefs, stomacher, and collars	19	{ Muslins embroidered by the peasantry of Scotland, and the north and west of Ireland, consisting of dresses, collars, caps, habit-shirts, trimmings.
BROWN, J. and H. and Co.	Scotland: Selkirk	..	Scotch tweeds	12	{ Scotch tweeds and fancy woollens of various new mixtures and styles.
BROWN and FORSTER	England: Regent-street.	..	Vestings of cotton warp & west wool; and waist-coatings of plush Vignon	15	{ Doeskins and casimeres, Scotch tweeds and natural Cheviot wool for trousers, waistcoating of wool, and wool and silk, of silk, of cotton, of China grass. Embroidery on cloth and on silk.
BROWN & Son	England: Birmingham	..	Saddle trees	16	{ Specimen of cut back-head saddle tree, whalebone springs, galvanized plates, spring bars, and copper rivets, to prevent corroding.
BROWN & WELLS	Amenca: Philadelphia	..	Tools	21	{ Specimens of tools.
BROWN & REDPATH	England: Commercial-road	..	Stoves for ships	22	{ Fire hearth, or cooking apparatus as used on board H. M.'s steam ships.
BROWN, Sir S., Capt. R.N.	England: Blackheath	..	Chain Cables	8	{ Lanterns for marine purposes. Stay pins, and improved welding, twisted and other chain cables. Stay pins, and improved welding, picture of Union Bridge over the Tweed. Model of Brighton pier. Model of a naval arsenal floating dock, and plan of drawing up ships. Model of a brass column and lighthouse. Model of railway and railway carriages. Model of a pair of mid-ship timbers, or ribs of a line-of-battle ship. Model of submarine ship propellers. Model of improved mariner's compass. Model of an equipoise bed.
BROWN & Co.	England	..	Salts of ammonia	2	{ Muriates and sulphates of ammonia.
BROWN, F.	England: Pimlico	..	Oxide of Zinc	2	{ Innocuous colours manufactured from the oxide of zinc, with specimens.
BROWN, W.	New Zealand	..	Kauri Gum	4	{ Specimen of Kauri gum.
BROWN, Sir S.	England	..	Models	7	{ Models of ships and railways.
BROWN, W.	England: Halifax	..	Damasks of wool, silk, and cotton	12	{ Damask and table covers, cotton and worsted, cotton, silk, and worsted, and worsted.
BROWN, Robert	England: Kingston	..	Italian and other tiles	27	{ Grooved ridge tile. Ornamental and plain tiles for Gothic buildings. Curved Italian tiles.
BROWN, H.	England: Whitechapel	..	British ivory	28	{ British ivory, not a composition.
BROWNE, SHARP, & Co.	Scotland: Paisley	..	Embroidered muslin robe	19	{ Embroidered and tamboured book-muslin dresses. Embroidered scollop and insertion trimmings, flouncings, collars.
BROWNE, W.	Ireland: Dublin	..	Carriages	5a	{ Common and improved jaunting cars. A caned car very neat and well finished, a carriage car with Fuller's shafts, to be used occasionally with one horse.
BROWNE, —	Van Dieman's Land	..	Woods	4	{ Muskwood slabs.
BRUHM & NAELER	Prussia: Gera	..	Cloths of worsted west and silk warp	12	{ Various woollen goods.
BRUNEAU, L. A.	France: 40 Rue de Montmorency, Paris	..	Articles of luxury	23	{ Silversmith's work, and fancy jewellery, such as purses, seals, scent-bottles, snuff-boxes, jewel cases, watch-boxes, and various other articles.
BRUNEAU, L. A.	France: 40 Rue de Montmorency, Paris	..	Articles of luxury	23	{ Silk, velvet, tulle, and various other articles.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME	LOCALITY.	ARTICLES EXHIBITED.	Class
BRUCE, H.	England: Tottenham Court Road	Church organ	10a
BUCCLATON, the Duke of ..	Scotland	Apparatus for condensing the fumes of lead works	1
BUCHNER, W.	Grand Duchy of Hesse	Ultramarine	2
BUCK, P. & Son	England: Bradford	Oatmeal and wheat flour	3
BUCK, J.	England: Lambeth	Turning tools, &c.	21
BUCKER, H.	Saxony: Dresden	Painting on porcelain	—
BUCKMASTER, W. & Co.	England: 13, New Burlington St.	Court costumes	20
BUFFET, A.	France: 4 Rue de Boulol, Paris	Oboes, clarionets, flutes, and corno-Inglesse	10a
BURSON, Mme. Sen.	France: St. Etienne	Gauze ribbons	13
BULLOCK, J. L.	England: 32, Conduit St.	Rare organic products	2
BULLOUGH, W.	England: Blackburn	Stopping motion to a power loom	6
BRUNNECK, Von, Oberburggraf	Prussia: Bellschwitz	Wool	4
BUNNETT, J. & Co.	England: Deptford	Shutters and water-closet	7
BROOKS, J. & Co.	Tuscany: Florence	Table in Florentine mosaic	27
BURAT, Brothers	France: 12 Rue Mandar, Paris	Herniary bandage	10c
BURCH, J. & Co.	England: Macclesfield	Printed velvet pile and	19
BURCH, W.	England: Woodford	Brussels carpets	4
BURCH, W.	England: Woodford	Dye substances	4
BURCHART & Sons	Prussia: Berlin	Printed moleskin table-covers, floor-cloths, and painted window blinds	19
BURGESS & KEY	England: 103 Newgate St.	Improved American churn an turnip cutter	9
BURGH, R.	England: Bartholomew Close	Gimps, tassels and ornaments	19
BURGUM, WALTER, BERGER and Co.	France: Götzenbruck	Watch glasses	24
BURN, R.	Scotland: Edinburgh	Cotton seed oil	4

Powerful church barrel organ in Gothic case.

Model of the furnaces and pots employed on his Grace's mines at Wanlock lead hill, in Dumfriesshire, for separating pure silver from the rich lead ore of the district. A block of pure silver, weighing more than 140 lbs. Specimens of lead as brought from the mines after smelting. Crystals of lead and other illustrative specimens. Model of the lead vapour condensing apparatus of the Wanlock lead-mines as improved. A collection of minerals from the same district. Specimens of ultramarine.

Double superfine flour, wheat-meal and oatmeal of fine colour and quality.

Circular and other saws, turning and other mechanical tools. Paintings on china, brochures of painted china, enchased in bronze, small china paintings of various kinds, after classical pictures.

Proposed new coat suit in detail. Chaco. New head-dress for infantry of the line. Undress military coat.

Clarionets on a new plan, flutes, oboes, and bassoons for military bands.

Silk ribbons.

Chemical principles from substances used as food or medicine.

Model of power loom, stops the motion when the web-thread breaks. Pieces of wool indiscriminately taken.

New iron safety shutters. Ventilating sashes.

A round table in mosaic, the table represented a wreath with the Florentine lily in the centre.

Trusses with eccentric pivot.

Velvet piles and Brussels carpets, tapestries, furniture covers, &c., woven by Savier's power loom, and afterwards printed by machinery.

A series of substances and combinations used in the art of dyeing, colours used in oil-painting and printing, &c., with illustrative specimens.

Printed oil-cloth, table-covers, painted window-blinds and double floor-cloths, hat-linings, oil-cloth for carriages, carpets.

American churn (English). Kase's force and suction pumps, turnip cutter. Hose for fire-engines, &c., made of canvass, lined and coated with gutta-percha. Lift-pump made entirely of gutta-percha. Davy's india-rubber saddles and collars.

Deep bullion fringe woven to shape. Ornamental hangers, pendants, fringes, rosette medallions.

Watch and pendulum glasses, watch-cases, boxes, spirits of wine lamps. Cotton seed (seed cotton), with oils, and oil-cake made from them, imported from the colonies.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
BURNETT, Sir W., M.D., K.C.B., F.R.S.	England:	Preserved woods	4	{ Specimens of Burnettized and un-Burnettized timber, canvas, cotton, and woollen cloth and raw hides tested to demonstrate the efficacy of the process. Anti-septic and disinfecting solutions.
BUTRELL, C.	England : Norfolk	Goose cruiser	9	{ A six-horse power portable steam-engine, adapted for driving agricultural machinery. Machine for making hurdles or gates. Gorse cutting and bruising machine.
BURNETT & BELLAMY	England : Poplar ..	Oil and water tanks ..	22	Tanks for water, biscuits, oil and paint. Cistern and barrel for oil, tar, spirit.
BURROUGHS & WATTS	England : Soho-square ..	Billiard table	26	Billiard table and marking board of English oak in the Elizabethan style.
BURT, S. J.	England : Farringdon-street ..	Cantharidine	2	Cantharides. Cantharidine and its compounds.
BURT, W. A.	America : Michigan ..	Solar compass	10	Burt's Solar compass. Surveying instruments.
BUSE, C. J.	Cape of Good Hope ..	Red ebony wood	4	Specimen of red ebony from Natal, with fourteen engine-turned draughtsmen, made from part of the same. The wood had not been dyed, but merely oiled and polished.
BUTCHER, W. & S.	England : Sheffield ..	Edge tools and razors ..	21	Specimen, and other razors, edge tools and files, superior saws.
BUTTERLEY, Richard	England : Sheffield ..	Sickles	21	Elastic sickles and hooks.
BUTTERWORTH, Hon. Lieut. Col.	India : ..	Colonial produce	4	Various Indian products.
BYERS, J.	England : Durham ..	Manufacture of lead ..	1	Lead ore, silver, and litharge, from Grasshill mine, Teesdale, refined, common, and slag lead, sheet and pipe.
CABANES & RAMBIE	France : Bordeaux ..	Flour (thirds)	3	Grills flour, minors made with wheat from Bordeaux, and Egyptian flour.
CAILLET, Frangerville	France : Bazancourt ..	Merinos	12	Unbleached and dyed merinos.
CAIN, J.	France : 103 Faubourg St. Denis, Paris ..	Bronzes, Birds in nests ..	22	Bronzes : nest with a group of birds fighting, pair of goblets.
CAKSTON, A. B.	England : 7 Baker-st., Portman-sq.	Saddlery	16	Hussar saddle, and hunting saddle.
CALAMAI, Professor	Tuscany	Models in wax	10c	Series of models in wax, representing the anatomy of the torpedo.
CALDERON, J.	Spain : Granada ..	Hemp and flax	4	Hemp, raw and combed. Flax and hemp seeds.
CALLAUX, BELISENORIEL DE	France : Angoulême ..	Various specimens of paper ..	14	Specimens of papers for designs, ledgers, letter writing.
TINAN, & Co.	England	French horn	10a	French horn without loose crooks.
CALCOTT, J.	England : Manchester ..	Wool burring and cotton cleaning machinery and cylinders ..	6	{ Machines for wool burring and cotton-cleaning, method of constructing burring and carding cylinders.
CALVEET, F. A.	England : 19 Friday-street ..	Moiré antique, figured, and brocade silks ..	13	{ Rich figured moiré antique damask. Scotch tartan, satins, and velvets. Coloured moiré antique. Rich brocade figure for vestings. Essence of lemons.
CAMPBELL, HARRISON, & LLOYD	Spain : Malaga ..	Essential oils	4	
CANALE, J.	Prussia : Berlin ..	Table and other objects in marble and granite ..	27	Marble pedestal. Table top of marble. Circular table top of red granite. Large vase with pedestal. A series of pictures, contributed by various exhibitors, of South American productions.
CANTIAN, C.	Cape of Good Hope ..	Cape produce	4	
CAPTE, F. A.	Cape of Good Hope ..	Cape produce	4	

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

CARTELLO, G. ...	Sardinia: Turin ...	Totent table, chair, and pedestal ...	26	Cerates in pear wood, carved. Table, curule chair, and pedestal. Mahogany covered table on extraordinary stem, with carved figures and marks, the upper part of white wood, covered with velvet and fringe. A cabinet floor inlaid with various foreign and indigenous woods.
CARLIN, MEDARIO ...	England: 58, Berners-street ...	Corsets ...	10c	Hygienic corsets, corseform corset, and child's bodices.
CARLIN, J. F. J. ...	England: Manchester ...	Gymnastic apparatus, and Orthorachidic instruments	10c	Gymnastic apparatus and orthorachidic instruments for deformity of the spine.
CARON, A. ...	France: Passage de L'Opera, Paris ...	Damasena pistols ...	23	Gusmanli's work. A Turanian and other guns and pistols.
CARPENTER & TILDSELEY ...	England: Wolverhampton ...	Locks ...	22	Carpenter and Co.'s, Sanders', Tildesley's and Brillies' locks. Rocks' Gothic case locks. Curry-combs, horse-scrapers.
CARQUILLAT, T. ...	France: Lyons ...	Woven portraits of the Queen Pepe Plus IX., and of the visit of the Duc D'Anguleme to his workshop ...	13	Pictures woven in silk.
CARR, T. & W. ...	England: Bath ...	Woolen cloths and beavers	12	Cloths from German wool. Bath fur beaver, and dressed fur of fine Australian wool. Black beaver, and black Venetian, or summer cloth of German wool.
CARRINGTON, F. A. ...	England ...	Topographical models of portions of England ...	7	Model of 3,000 square miles of England, showing portions of various counties.
CARSTEAN, D. H. ...	Laback ...	Excellent preserved meats	8	Preserved vegetables, poultry, fish, fruits, and milk.
CARTE, A. G. ...	England: Hull ...	Self-acting life buoy, an instrument by which since 1838, nearly 400 persons' lives have been saved ...	8	{Pocket apparatus, and sea-service rocket apparatus, for throwing a line to a stranded ship. Self-acting life-buoy, by means of which the lives of nearly 400 persons have been saved since 1838. Self-adjusting cork life belt. Alarm signal for the protection of houses.
CARTER, VAVASTUB, & RIX ...	England: 9, Trump-st., Cheapside ...	Figured silks, and moiré antique ...	13	Figured poplin dress. Rich figured satin dress. Figured satin, richly brocaded. Maize, moiré antique, Napoleon blue satin.
CARTWRIGHT & WARNERS ...	England: Loughborough ...	Yarns prepared from Mexican and Virginian woods, and articles made therefrom	20	Angola and merino yarns. Hose, shirts, drawers, ladies' vests and dresses.
CASEY & PHILLIPS ...	England: 13, Spital-square ...	Plain black radzimore and other plain silks ...	18	Silk, velvets, Algerias, gros-de-Naples, glacé gros.
CASON & Co. ...	England: Chiswell-street ...	Variety of types ...	17	Specimens of engraved calligraphic type. Colours, for ornamental printing.
CASSISA & SONS ...	Sardinia: Novi ...	Silk ...	4	Specimens of raw white silks.
CASTEL, E. ...	France: Aubusson ...	Aubusson carpet ...	19	Door curtains. Aubusson tissue, and in the Gobelin style. Panels of the same description. Sofa, table-cover, and rug.
CASTELLE, H. ...	France: 55, Rue de la Verrière, Paris ...	Gelatines ...	4	Waterproof gelatine in sheets. Glass-paper, crystal paper. Printed gelatine. Engraved gelatine.
CASTELLINI, Raffaele ...	Rome ...	Copy, in mosaic, of medalion of Boniface II, also head of John the Baptist ...	30	{Mosaic, copied from the celebrated "S. Gio Battista," by Guercino, and a medallion portrait of Pope Boniface II, copied from the picture by Bompiani.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

CASTELLO, F...	Portugal	Preserved fruits ...	29	Preserved figs, sweet plums, pears, apricots, Tangerina oranges, cherries, penches, and dried pears.
CATTEAUX, Brothert	Belgium : Brussels	Pantaloons stuffs of cotton, wool, and linen with cotton ...	15	{ Stuffs for trousers, cotton flax thread, cotton and flax thread, and cotton and wool.
CATTEAUX, Gauquie	Belgium : Courtray	Cotton, woollen, and linen stuffs ...	15	{ Stuffs for trousers, fine and mixed cotton. Two pieces of swan skin wool and cotton. Cotton checks and stripes. Cambric handkerchiefs. White linens.
CAZAL, —	France : 27 Boulevard des Italiens, Paris	Umbrellas and parasols ...	29	Self-opening umbrellas and parasols. Travelling sticks and umbrella in
CHACUUL, L. F.	France : 33 Rue Traversière, Paris	Dyed flocks ...	2	Dyed and milled goods, and paste colours for paper hangings.
CHAGOT, Son...	France : 73 Rue Richelieu, Paris	Flowers in cambric	29	Feathers and bouquets of feathers. Artificial flowers and vases.
CHAMBER, Professor	England	Transit scales	—	Scales for calculating the corrections of a transit instrument.
CHAMBER, Casimir	France : Alais	Fine six-thread grenadine, and organzine for satin	13	White and yellow raw silks.
CHAMPAGNE & ROUGIER	France : Lyons	Assortment of rich figured silks	13	Figured silks, divers specimens, parasols and models of dresses flounced
CHAMPAGNET, Sargens J.	France : Vals	Silk...	4	Cocoon of raw silk, applicable to the manufacture of various silks.
CHARAGLAT, E.	France : 268 Rue St. Denis, Cour de Bleus, Paris	Umbrellas and parasols ...	29	Umbrellas and parasols with handles of different materials.
CHARBIER, J. F.	France : Rue de l'École de Medecin, Paris	Collection ...	10e	Surgical apparatus and instruments of every kind. Cutlery.
CHARTON & SON	France : St. Vallier	Organzine for tulle, ribbons, plush, and satin	13	Specimens of raw and thrown silk, and silk cocoons.
CHATELAIN & FORON	France : Rhodms	Flannels	12	Hollvart flannel. Cloaks. Sultana cloths. Zephyr cloths.
CHATELAIN & SONS	England : Birmingham	Pearl work	28	Illustration of button manufacture. Covered nails.
CHAUDRON, C. & H.	Belgium : Liege	Dress and brass tubes	1	Brass tubes, made without solder, for boilers of steam vessels.
CHERAVIN, S.	England : Spalding	Filtrating pump	5	Floting filtering pump. Specimen of metallic paste or cement, for preventing damp in walls, and keeping out wet.
CHEREAUX, J...	France : 3 Rue St. Flacre, Paris	Designs for cotton print and calico	30	Designs for dresses, and for Aubusson carpets.
CHEEWEING GRANTIE Co...	England : Cornwall	Granite column	27	Granite column and pedestal, 30 feet high, from the Cheesewring
CHENARD, Brothert...	France : Rue du Puits-au-Marais, Paris	Beavers and hares' fur hats	20	Granite quarry, near Liskeard, Cornwall.
CHENNEVIERE, T.	France : Elbeuf and Louviers	Woollen cloths	12	Hare and beaver hats, pieces of felt for waistcoats.
CHENOT, A.	France : 33 Camden St.	Metallic pavement	27	New fancy materials for trousers, gowns, cloaks and lining. Plain, twilled, pilot, beaver, and impervious cloths.
CHEVRETON, B.	England : 33 Camden St.	The Thoronet, as exemplifying the reduction by machinery of all labour	29	Metallic springs, iron and steel, produced by means of the same
CHEVRETON, B.	France : Palais National, Paris	Preserved insects and vegetables	29	Springes, without smelting the ore, prepared by machinery. Those in ivory and marble not finished by hand.

Preserved of all insects and plants, and flowers. Dishes prepared for cooking.

NAME.			LOCALITY.		ARTICLES REWARDED.		Class.	DESCRIPTION OF ARTICLES EXHIBITED.	
CHICKERING, J.	...	...	America : Boston ...	...	Square piano-forte ; and the jury think highly of his grand piano-forte ...	10a	Piano-forte.	
CHILDS, C.	...	...	America : Boston...	...	Slide top buggy or phaeton, enamelled apron, of very superior quality, the whole well got up, and neatly finished ...	5a	Specimens of an American coach, Prince Albert waggon, York waggon, and slide top buggy.	
CHILDS, J.	...	...	England : Brentford	...	Brass lamp for lighthouses	22	Brass fountain lamp, with adjusting concentric burner, for a light-house lantern.	
CHILSON, RICHARDSON, & Co.	...	...	America : Boston...	...	Hot-air furnace ...	22	Furnaces and stoves.	
CHIOZZA, C. A. & Son	...	...	Austria : Trieste ...	...	Fancy and floating soaps..	29	Soap of different kinds.	
CHIBIO & MINA	...	...	Sardinia : Turin ...	...	Printing, printing materials, and wood-cuts ...	17	A large volume containing the history of Hautecombe Abbey.	
CHITTY, E.	...	...	England : Guildford	...	Flour (best whites) ...	3	Flour.	
CHOCQUEL, Felix	...	...	France : Paris ...	...	Cutting and printing of light shawls ...	15	Scarfs in satinet barège, with grounds of various colours and cashmere designs.	
CHOCQUEL, L.	...	...	France : Labriche	...	Fancy fabrics, printed in steam colours, for dresses and shawls ...	18	Printed long shawls and printed gowns and dresses.	
CHOPIN, Felix	...	...	Russia : St. Petersburg ...	...	Bronze candelabrum ...	22	Bronze candelabrum and clock.	
CHOSSON & Co.	...	...	France : 36 Rue Montmartre, Paris	...	Kid gloves ...	20	Ladies' and gentlemen's kid gloves.	
CHRISTIE, D.	...	...	Canada, West	...	White wheat ...	3	Three barrels of fall wheat.	
CHRISTIL, J.	...	...	Austria : Vienna ...	...	Workmanship of shoes ...	20	Gentlemen's boots and shoes, water-proof shooting boots. Boots with corked and wood pegged soles, and with hollow heels.	
CHRISTOPLE, CHARLES & Co.	...	...	France : 56 Rue de Bondy, Paris	...	Electro plate ...	23	Large tea urn, cup and saucer, milk-jug, and other articles of gilt and silver ware.	
CHRISTY & Sons	...	...	England : Manchester	...	Turkish bath towel ...	11	Turkish bath-towels, with a plush or looped surface on both sides.	
CHUBB, —	...	...	France : 6 Rue Carnot, Paris ...	...	Safety lamp	10	Safety lamps, without wire gauze, gasoscopes, apparatus used for preventing explosions of gas in pits, and all places lit by gas.	
CHUBB & Son...	...	...	England : 57 St. Pauls'-church-yp.	...	Locks and safes (special approbation) ...	22	Detector locks and latches, Norman, Gothic, Elizabethan. Quadruple and rim locks, and fire-proof safes.	
CHEFFART, —	...	...	Algeria : Birmandreis ...	...	Cottons ...	4	Hard and soft wheats of 1850. Louisiana cotton 1850. Silk in cocoons, and spun.	
CHEUCH and GODDARD	...	...	England : Birmingham ...	...	Machine for cutting card-boards, and printing tickets ...	6	Machine for cutting cardboards into cards, for printing and other purposes. Machine to cut, print, number, count, and pack tickets. Machine for dating railway tickets.	
CIAUDO, Joseph	...	...	Sardinia : Nice	...	Walking sticks ...	29	An oblong drawing room table, in olive wood, with mosaic.	
CLAES, P.	...	...	Belgium : Lembeeq	...	Corn drill and roller	9	Scotch seed-bug. Cast iron roller for rolling arable land.	
CLAIB, P.	...	...	France : 93 Rue du Cherche-Midi, Paris	...	Dynamometer and indicator; and model in section of a locomotive ...	5	{ Rotary dynamometer. Model of a locomotive steam-engine. Clair's indicator. Lapointe's calculating machine.	

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
CLARAZ, Ambroise ..	Switzerland : Fribourg ..	Straw work... ..	28
CLARENCE, R.	Cape of Good Hope ..	Dried fruits... ..	3
CLARENCE, Richard... ..	As above	Sheep's tail oil ..	4
CLARENBACH & SON... ..	Prussia : Hückerswagen ..	Woolen yarns	12
CLARK, J. and T. ...	England : Basinghall-street, and Trowbridge	Woolen cloths	12
CLARKE, C. and J. ...	England : Glastonbury ..	Sheep and lamb skin rugs	16
CLARKE, C. and J. ...	As above	Elongating goloshes	20
CLARKE, T. and C. and Co.	England : Wolverhampton ..	Enamel ware	22
CLARKE and RESTELL ..	England : 447 Strand	Lamps, gas-burners, and locks	22
CLARKE, R. and Sons	England : 157 Cheapside ..	Manufactured furs ..	16
CLARKE, Esther	England : 18a Margaret-street, Cavendish-square	Honiton lace, flounce design, and quality unequalled in its class	19
CLARKE, J.	England : 61 Frith-street, Soho	Specimens of book-binding and tree marbling on calf-leather	17
CLAUDIN, F.	France : 1 Rue Joquelet, Paris...	Guns, rifles, and pistols ..	8
CLAUS and CARON ...	Belgium : Ghent	Cane sugar	3
CLAUSEN, P.	England : 26 Gresham-street ..	Process of preparing flax, and flax cotton	4
CLAUSEN, P.	As above	Circular hand loom for hosiery	6
CLAY, J.	France : 7 Rue St. Benoit, Paris	Wood-cut and other surface printing	17
CLAYTON, SHUTTLEWORTH & Co.	England : Lincoln	8-horse power vertical oscillating cylinder engine	5
CLAYTON, SHUTTLEWORTH & Co.	As above	Steam engine	9
CLAYTON, H.	England : Dorset-square ...	Tile machine	9

Flowers, plumes, and wreaths made of straw for bonnets, straw-bonnets, plaits, trimmings.

OIL. Dried fruits, viz., almonds, peaches, raisins, pears, apricots, currants and walnuts.

Sea-elephant oil, sheep's tail oil.

Samples of carded woolen yarns. Patterns of iron screws, exhibited for the clearness and sharpness of the worm or thread.

Woaded black single cassimere, beaver, Venetian, and ladies' cloth. Satin-face, milled, and single doeskin. Furs. Janus beaver.

Model of a rural factory. Urn rugs, muffs, made from English lamb-skin. Socks for shoes, goloshes, shoes, and gaiters, hearth and other rugs of sheep, lamb, and Angola skins.

As above.

Enamelled cast-iron hollow ware.

Lamp and gas-burners. New locks. Railway passengers' communications. New principle in clock-work. Gravitating clock without pendulum.

Manufactured furs of ermine, mink, and musquash, natural and dyed.

Flounce of Honiton lace.

Various specimens of bookbinding.

Guns and pistols of a new construction.

Candied and other sugars.

Samples of flax in all its stages, from straw to cloth, prepared by the exhibitor's process. Cloths produced from flax, flax cotton, flax cloth, flax silk, flax wool. Hemp and other fibrous plants prepared either in whole or part, as above.

Circular hand-loom, for weaving looped fabrics, elastic cloth.

Composing frames, albums, illustrated volumes.

An oscillating steam-engine, arrangements simple and compact, suitable for working corn-mills, sawing machinery.

Improved portable steam-engine for agricultural and contractor's purposes. Grinding mill suitable for all grain. Combined threshing, shaking, riddling and blowing machine.

Machinery and tools for the manufacture of drainage pipes, and for the manufacture of drainage pipes, and for the manufacture of drainage pipes.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

CLEMENS, —	...	England : 25 Mincing-lane	Malaga raisins and Jordan almonds ..	3	Jordan almonds, raisins.
CLEGG, —	...	France : 10 Rue Albony, Paris	Designs and works in ornaments ..	30	Framed designs and proof engravings.
CLEGG, H. L., and Co.	...	Ireland : Banbridge	Diapers ..	14	Blue-eye diapers manufactured from the best quality of linen yarn.
COATES, E. J., ..	...	England : 13 Broad-street	Combination of iron and glass in the decorative parts of the manufacture of stoves ..	27	Chimney-pieces made exclusively of iron and glass.
COATHROP and Co., ..	...	England : Bristol ..	Glass pipes ..	24	Glass water-pipes, plain, bevelled, and angular. Glass curtain poles.
COCHRE, E. E., ..	...	Prussia : Orenienburg ..	Prussiate of potash ..	2	Large specimens of crystallization. Prussiate of potash.
COCHOIS and COLLIS ..	...	France : 7 Rue des Déclaireurs Paris	Dresses and embroidery ..	29	Hosiery : stockings, socks, gloves, trousers, waistcoats, and night-gowns.
COCHRANE, J., ..	...	Scotland : Edinburgh	Gas meter ..	22	Gas meter, ten inches diameter.
COCKRICK, Messrs. ..	...	India : Moorschedabad ..	Starch ..	4	Starch.
COCKER, S. and Sons	...	England : Sheffield	Needles ..	22	Steel suitable for all purposes. Cast steel files used by every trade or profession. The various stages of file and needle manufacture.
COCKER, S. and Sons	...	As above	Quality of steel ..	1	As above.
COCKER, S. and Sons	...	England : Hatherage	Needles ..	22	Specimens of needles in every stage of manufacture.
COCKER, S. and Sons	...	As above	Files and edge tools ..	21	As above.
COCKER, S. and Sons	...	America :	Wool ..	4	Wool.
COCK, A., ..	...	France : 53 Faubourg du Temple, Paris	Yestings ..	15	Cashmere texture, waistcoats of all descriptions.
COHEN and ORS ..	...	England : 41 St. James-street ..	Havana cigars ..	3	Raw tobacco, and cigars.
COHEN, the Nursery of ..	...	Portugal : Coimbra ..	Preserved fruits ..	22	Different qualities of preserved fruits.
COLEMAN, W. and Co.	...	America : New York	Starch ..	4	Specimens of pearl starch.
COLEMAN, R., ..	...	England : Chelmsford	Cultivator, expanding harrow ..	9	Drag harrows, and scarifiers. Subsoil harrow, expanding lever harrow.
COLIN, J. R., ..	...	France : Epinal ..	Polished granite and serpentine ..	1	Polished marbles, granites and serpentine.
COLLARD and COLLARD	...	England : Cheapside	Pianos, and their successive improvements in piano-forte making ..	10a	Grand bicchard, and square semi-piano-forte with repeater action, grand cabinet piano-forte with check and repeater action. Piano-forte for the people, and grand piano-forte.
COLLAS, M. A. C., ..	...	France : 8 Rue Dauphine, Paris	Essential oils ..	4	White and coloured essence of almonds and pine apple. Digitation.
COLLAS, A., ..	...	France : 30 Boulevard Poissonnière, Paris	Works exemplifying production of sculpture ..	30	Sculpture in reduced proportions by mechanical processes. Bronzes of art. Gate of the Baptistery at Florence, half the size of the original.
COLLETTA, Lefebvre, ..	...	France : 9 Rue Mandar, Paris	Snuff-boxes ..	29	Snuff-boxes, purses, and needle-cases.
COLLIARD and COMTE	...	France : St. Etienne	Assortment of ribbons ..	13	Silk ribbons.
COLLIN, C. E., ..	...	France	Map engraving ..	8	Maps and engravings.
COLLINGE, C. and Co.	...	England : Lambeth	Five-horse power direct action steam engine ..	5	Portable high-pressure steam-engine.
COLLOT, Brothers ..	...	France : 4 Rue de l'Ecole de Médecin, Paris	Balance ..	10	Scales and philosophical instruments.
COLMAN, J. and J.,	England : 9 College-hill ..	Starch ..	4	Starch from wheat and rice, mustard, British gum, Indigo blue.

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NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
COLONIAL ASSURANCE CORPORATION RATON COLVILLE, Mlle. Anna	Australia France : 22 Rue des Vinaigriers, Paris	Raw produce Colours for porcelain painting	4 2	Collections of the raw productions of Australia. Specimens of coloured porcelain and enamelled plates. Portraits of the Queen and Prince Albert.
COMBA, F.	Sardinia : Turin ..	Taxidermy	29	An elk from the Zoological Museum of Turin.
COMINS, J.	England : South Molton ..	Horse hoe	9	Wrought iron horse-hoe. One way turnover or turnrest plough for hilly land.
COLEAD, W.	France : 26 Rue Vieille du Temple, Paris ..	Chemical preparations ..	2	Refined camphor blocks. Sublimed iodine and iodine of potassium.
CONTI and Son	Tuscany : Leghorn ..	Soaps	29	Specimens of soaps.
COOKES and Son	England : Warwick ..	Carved sideboard	26	The Kenilworth oak buffet, with sculptured relieves, illustrative of events at Kenilworth Castle, from a celebrated oak tree grown upon its domain.
COOMBE and Co.	England : Mark-lane ..	Iron and copper netting ..	22	Fine twilled wove wire.
COOPER, M.	England : York ..	Riding saddle and case of saddle	16	Improved side saddle, with pith of Berlin wool work. Military saddle. Improved light hunting, and racing saddle. Somerset saddle.
COOREMAN, A. J.	Belgium : Rebecq ..	Lace thread made from hand-spun yarn	14	Samples of flax thread, made use of for the ground work of Brussels lace. Samples of thread for lace.
COPE, HAMMERTON and Co.	England : Coventry ..	Figured ribbons	13	General fancy ribbons.
COPE and COLLINSON	England : Birmingham ..	Brass work	22	Specimens of improved casters for furniture. Globular-blind mountings. Bedstead brace. Music-stool screw. Horne's butt hinges, locks, hinges, springs for piano-fortes.
COPELAND, W. T., Alderman, M.P.	England : Stoke-upon-Trent ..	Statuary porcelain (general excellence)	25	Works in porcelain statuary, with a large collection of vases, tazzas, and plateaux, trays and table ware in porcelain, samples of common printed earthenware, and specimens of fine crystal glass, cut and engraved.
COPELAND, BARNES and Co.	England : 46 Doltoph-lane ..	Preserved meats & vegetables	3	Tart fruits, jams, jellies hermetically sealed, which retain for years their flavour and quality.
COSEOLAN, B. and Co.	England : 36 Mark-lane ..	Metallic Cloth	22	Model of an improved drying kiln for malt. Flour dressing machine. Woven wire of various textures for machines. Mill-stones for grinding wheat. Portable corn-mill for emigrants.
CORNAL, Diego de	Austria ..	Vestings	15	Vestings, some of them embroidered on a principle.
CORNELIUS and Co.	America : Philadelphia ..	Chandeliers	22	Lamps, chandeliers, and gas-fittings.
CORSELL, LYTELL, and WEBSTER	England : St Paul's-churchyard	Ribbons	13	Chinese and brocaded sash, and other ribbons.
CORNES, T.	England : Market Harborough	Chaff-cutter	9	A two-knife hand-power chaff-cutter. Model of a farmstead suitable to a farm of from six to seven hundred acres.
CORPORATION OF LONDON	England : London ..	For various illustrations of the art of ship-building	8	Illustrations of the art of ship-building for the commercial marine, almost all showing the greatest and most important improvements in strength, symmetry, and efficiency, and mostly coming from the establishments within the jurisdiction of the Port of London.
		Manufacture of other chemicals	2	Specimens of sulphuric acid, nitric acid, and other chemicals.

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NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
COTTAM and HALLS	England : 3 Winsley-street	Gates, cast-iron, and enamelled cast-iron horse manger	22	Enamelled manger, rack, and water trough for horses. Park-gates: Designs in iron for staircase railing.
COTTRELL, E. . . .	England : Birmingham ..	Locks and Safes	22	Climax detector locks, made to the keys. Two locks cannot be made alike, unless formed from the keys cut at the same time.
COTTINGHAM, N. J. . .	England	Brass lectern	22	Spandril from Hereford Cathedral. Statuettes. Brass lectern for Hereford Cathedral.
CORTON, Wm. . . .	England	Coin weighing machine ..	10	Machine for weighing gold and silver money.
COUTER, A. . . .	France : 67 Rue Rochecrouart, Paris	Shawl designs	30	Designs for stained paper, peribores for hanging of tapestry, for printed shawls and other industrial designs.
COURCIC and SOCARREY	France : Montauban ..	Gas & blower, from 10 to 220 threads per inch ..	13	Raw silk, raw silk tissues.
COULAX—SEN, and Co. .	France : Molsheim & Klingenthal	Saws	21	Side-arm and articles of hardware.
COUTLAX, J. and Co. . .	Ireland : Lisburn	Damask table-cloths and napkins	14	Fine damask table, breakfast, and sideboard cloths, and dinner napkins
COUTIN, J. . . .	France : Aix	Felt hats	20	Felt hats of various colours without dressing.
COUESIERIE and Co. . .	France : Cherbourg	Iodine	2	Iodine of potassium, sublimed iodine, chloride of potassium. Sulphate of potash.
COURTÈPE-DECHERAY	France : 11 Rue du Renard St. Sauveur, Paris	Boot fronts	16	Calif leather.
COURTIAL, — . . .	France : Grenoble	Ultramarine	2	Bottles of ultra-marine blue.
COURTOIS, E. . . .	France : 13 Faubourg Montmartre, Paris	Black and coloured varnished calf and hides ..	16	{ Glazed calf skins for boots and shoes, and all kinds of leather for saddlery, coachmakers, and harness-makers.
COVERT and LUCAS	Belgium : Brussels	Mosaic floor and table ..	26	Mosaic floor. Table with mosaic shelf, and carved feet.
COVENTRY Ribbons Committee	England : Coventry	An excellent specimen of the skill of the parties concerned in the production	13	Specimens of Coventry ribbons.
COWAN and SONS	England : Shadwell	Soaps	29	Specimens of hard yellow, mottled, curd, and marine soap.
COWEN, J. and Co. . .	England : Newcastle-upon-Tyne	Gas retorts	27	Fire clay gas retorts, fire bricks, rough fire clay, and canal coal.
COWLEY and JAMES ..	England : Walsall	Beds and steam tubes ..	29	Iron bedsteads, child's cot, wrought iron gas and steam tubes and joints.
COWPER, E. . . .	England : Kensington ..	Models for the use of schools ..	29	Models for the use of schools.
COX, W. H. and Co. . .	England :	Two foreign butts	16	Foreign butts, very well tanned.
COX, R. S. and Co. . .	England : St. Paul's-churchyard	Assortment of fancy ribbons ..	13	Rich sashes and other ribbons.
COX, Brothers	Scotland : Dundee	Striped bedding and hessian canvas ..	14	Hessian or packing canvas, striped bedding, bed sacking, padding canvas.
COXETER, J. . . .	England : 23 Grafton-street east	Collection	10c	Surgical instruments.
COZENS and GREATER	England : Walsall	Tanned and curried leather ..	18	Tanned and curried leather for bridles. Curried hog and seal skins.
CRACE, J. G. . . .	England : 14 Wigmore-st.	Specimens of Brussels and velvet pile carpet ..	19	Furniture and decorations in the mediæval style, piano tapestry, damask, silk brocatelles. Woollen stuffs for hanging, Chinizes and carpets.
CRAWFORD, H. M. . .	America : Philadelphia ..	Calf skins tanned in oak bark ..	16	Various calf-skins.
CRAWHALL, J. . . .	England : Newcastle-upon-Tyne	Machines for manufacturing hemp ropes ..	6	Improved machine for manufacturing ropes.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTIST'S NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
CAMER, J. ..	France: 29 Rue de L'Entrepot, Paris	Marqueterie inlaid furniture	26	Grand piece of furniture with three doors, writing-table, dressing-table, and pictures in mosaic and chequer work.
CRESPEL-DEMISET, T. ..	France : Arras ..	Beet sugar ..	3	Various samples of wheat, sowing machine.
CRESWICK, T. J. and N. ..	England: Sheffield ..	Plated silver ..	23	Plated articles with silver mountings, candelabra. Epergne and plateau. Candlesticks with branches. Venison dishes.
CRICHTON, D. ..	England: Manchester ..	New taking-up motion for a loom ..	6	Model loom, exhibiting a new principle of mechanical action on the yarn and cloth rollers.
CRICHTON, J. ...	England: 112 Leadenhall-street	Drawing instruments and sextants ..	10	Solid arch, double limb and coast surveying sextants, quadrants, azimuth compasses, theodolites, levels, telescopes, gromers, callipers.
CRITCHLEY, BRINSLEY, and Co.	England: Macclesfield ..	Figured silks, handkerchiefs, and cravats ..	13	Ladies' foulard dresses, aprons, neckties, Gentlemen's cravats, and boy's neck-handkerchiefs.
CROMBIE, J. and Co. ..	Scotland : Aberdeen ..	Scotch Tweeds ..	12	Scotch tweeds of various qualities.
CRONIER, — ..	France ..	Table covers ..	19	Vanished and printed table-covers.
CROOK, W. ..	England: 5 Carnaby-st. ..	Cooking apparatus ..	22	Improved open fire, hot plate, oven, and boiler, kitchen-range for steam, warm baths, by one fire, and improved smoke-jack. Improved tailors' stove, for heating a larger number of irons in less time, and with less fuel, than the common stoves.
CROSS, William ..	Scotland : Glasgow ..	Tartans made of fine Indian wool ..	15	Saxony wool shawls, clan, shepherdess and fancy patterns, square, long Byzantine style, pure cashmere. Saxony wool plaid dresses.
CROSS, G. ..	England: New Coventry-st. ..	New mode of fastening the leaves of scrap-books without guards ..	17	Print collectors' improved scrap-books without guards.
CROSSKILL, W. ..	England : Beverley ..	Oscillating cylinder direct action steam engine ..	5	Steam engine.
CROSSLEY and Sons. .	England : Halifax. .	Carpet, rugs, & table covers ..	19	Large pattern mosaic tapestry ; mosaic carpet, table-covers, and rugs ; velvet carpet ; tapestry carpet ; Kidderminster, Dutch, and other carpets.
		Yarns ..	12	Spun yarn, and sized yarn for machine weaving.
		Cart ..	9	One horse cart, with newly-invented tipping apparatus. Hames. One horse universal hoe.
	France: Rheims ..	Carton-pierre and carving ..	26	Wainscoting for rooms ; carton-pierre ; figure of animals carved in oak ; consoles with basso-reliefs.
	England : Newport-Pagnell ..			Tortoiseshell, ivory, and horn dressing-combs, made by hand.
	France: 58 Rue Notre Dame de Lorette, Paris ..			Terra-cotta figures.
	England : York ..	Tortoiseshell combs ..	28	Embroidered velvet saddle, riding bridle, and harness, with gilt ornaments. Hunting and other saddles and bridles.
	Spain : Madrid ..	Riding saddle, bridle, and harness ..	16	Collection of sewing threads, white and coloured.
	England : 13 Cockspur-street ..	Linon threads (coloured) ..	14	Restoration of the monument of Philippa of Hainault, Queen of Edward III. in Westminster-abbey, executed in English alabaster ; statues and angels.
	Belgium : Alost ..	Tomb of Queen Philippa, in alabaster ..	27	Examples of olive oil, oil of almonds, coloured, uncoloured, cotton, and various other articles.
	England : ..	Collection of oils ..	4	
	Algeria: Bab-el-oued ..			

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
CURTIS, J.	Prussia : Duisburg	Ultramarine	2	Blue and green ultramarine, used by printers, painters, varnishers, and for tapestry, it resists alum and improves by exposure to the air.
CROSS and Co.	England : 26 Holles-st.	Bookbinder's cloth	17	Bookbinder's cloth dyed, embossed, and finished by the exhibitors.
CURCH, the Rao of	India	Raw products	4	Raw products.
CEYLER, M.S.	Tuscany : Florence	Weavers' reeds	6	Specimens of combs for silk weaving.
CHAMIRON and Co.	Wales	Railway bars	5	Railway bars.
DA FONSECA, VAS, Pinto	Portugal : Villa Real	Dried Fruits	3	Preserved plums, figs, peaches and apricots. Sweet dried pears. Dried apricots.
DABRIQUE, F.	France : 8 Rue Jean Jacques Rousseau, Paris	Cameos	23	Jewellery in gold, such as bracelets, leontines, chains, and cameo-brooches.
DAGUET, T.	Switzerland : Soleure	Optical glasses	24	Flint glass and crown glass in rectangular prisms. Unpolished flint and crown-glass for optical uses.
DALGETTI, -	England : Deptford	Small lathe, with self-adjusting chuck	6	Self-acting surfacing and screw-cutting lathe. Self-adjusting chucks. Calico and muslin prints.
DALGLEISH, FALCONER & Co.	Scotland : Stirling	Machine-printed calicos	18	Large tazza of Egyptian alabaster. This tazza, which was ornamented with two handles, was of 3½ English feet diameter, and from one handle to the other more than 4 feet.
DALLANORA, T.	Rome	Tazza of Oriental alabaster	27	Artificial honeycombs for agriculture. New principle for feeding bees.
DAMAINVILLE, -	France : Poudron, near Cressy	Artificial honeycomb	8	Long shovels of wool and of wool and cashmere.
DAMIRON and Co.	France : Lyons	Collection of fine wool shawls	15	Crochet silk gimp rolling resembling the rose-leaves and flowers. Brain-denbrough crochet silk gimp trimming, girdles, silk fringes, crochet head-dress.
DANBY, C. and T.	England : 14 Coventry-st.	Variety of silk fringes	19	Ironmongery. Tools and detached pieces for all kinds of spinning, Military weapons.
DANDROY, MAILLARD, LUCOQ, and Co.	France : Maugey	Rollers for spinning machinery	6	Press for cutting out and stamping watch-hands, Cricket-bats and wickets, tubular India-rubber gloves, gauntlet gloves, leg-guards, spiked poles for the royal arms ; inlaid marble table-top, inlaid marble table-top, with the royal arms ; inlaid marble table-top, with fancy scroll and Maltese cross in the centre ; inlaid marble table-top, table-top, with Etruscan vase in the centre ; inlaid marble table-top, with the emblem of Carthage in the centre ; pieces of Malta stone, oiled and prepared for pavement ; drip stone of Malta stone ; speckled Malta and Gozo stone, and stalactite ; vase, with pedestal of red Gozo marble ; wax and cloth figures.
DANIEL, H.	Switzerland : Geneva	Press for cutting out watch hands	6	Ready-made linen for gentlemen, and shirts.
DARK, M. and E.	England : Lord's Cricket-ground	Articles used in the game of cricket	29	Various articles of furniture.
DARMANIN, J. and Sons	Malta : Valletta	Inlaid work in marble	27	Various stores and curtains. Pictures of Queen Victoria and Prince Albert. English colours, emblems of France.
DARNET, -	France : Rac Richelieu, Paris	Variety of shirt-fronts	19	Improvements in the shading of maps, by printing different colours at the same time.
DAUBET and DOMAREST	France : Lyons	Cabinets, with mechanical action	26	
DAUDVILLE, A.	France : St. Quentin	Excellence of manufacture in harness, window-curtains, and piece-muslins	11	
DAUMEN, MONT	France	Improvements in shading maps	8	

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NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
DAUPHINOT—Perard..	France : Isles-sur-Suippes	Merinos	12	Merino fabrics of all colours.
DAUPHINOT, GORTON and Co.	England : City-road	Ultramarine	2	Samples of ultramarine.
DAUTREMER and Co.	France : Lille	Flax yarns	14	Grey and yellow lawn threads.
DAVENPORT, J. T. ..	England : 33 Russell-st.	Chemical products	2	Chemical preparations.
DAVENPORT, J. L. ..	England : Derby	Various machines for manufacturing silks ..	6	Silk throwing machinery. Winding and cleaning engine. Spinning and twisting mill. Doubling frame. Reeling machine. Drumming apparatus.
DAVID and De BOE ..	Belgium : Antwerp	Flax	4	Flemish flax.
DAVID, Brothers and Co. ..	France : St. Quentin	Merino and cloths mixed with orgazine and spun silk	12	Various woollen cloths, woven with yarn, combed.
DAVID, LABBE and Co. ..	France : Saint Richaumont	Merino fabrics (downness of price)	12	Unbleached and coloured merino fabrics.
DAVIDSON, J. and Co. ..	Scotland : Edinburgh	Scales & weighing machines	5	Steel-yards or weighing machines, the under levers, beams, &c., made of malleable iron, with welded steel centres, the bearers lined with welded steel.
DAVIES, J. and G. ..	England : Tipton, Staffs.	Revolving elliptic steam engine, with an ingenious governor, equilibrium, and feed valves ..	5	Pair of elliptic revolving steam engines. Steam regulating self-acting damper. Feed nozzle, valves, revolving blowing apparatus.
DAVIES, D. and Son ..	England : 15 Wignmore-st.	Basterna brougham	5a	Basterna brougham and other improved carriages. Model of improved railway-carriage break. New single wheel revolving carriage. Carriage with automatic steps. New carriage with dome roof. Light summer carriage for hot climates with canopy.
DAVIES, R. S. and SONS ..	England : Stroud	Fine Scarlets	12	Scarlet military cloth. White cloth for uniforms. Scarlet cloth for foreign uniforms. Black cloth, cassimere, and doeskins.
DAVIS, GREATHEAD, & GREEN	England : Stourbridge	Cut Glass	24	Cut glass decanters, water jugs and goblets, ruby centres and stands, lustres with ruby and flint drops, cut, and enamelled, coloured, black and other wine glasses. A great variety of ornamental vases, white opal, frosted Mazareen blue, and topaz, painted, enamelled cut and engraved.
DAVY, MACMURDO and Co. ..	England : Bermondsey	Glycerine and various salts	2	Chemical preparations.
DAY and MILWARD ..	England : Birmingham	Weighting machines	5	Weighting machines. Druggist's scale for counter, fishing reels.
DAY, J. and Son ..	England : Huddersfield	Pantaloons stuff, warp of cotton, with welt of carded wool, crossed on one side only, of the character of cassinet.	15	Merinos for the tops of ladies' boots, &c., cashmerettes, cotton or silk shot with woollen.
DAY and NEWELL ..	America : New York	Peranoptic permutoating locks, (special approbation)	22	Peranoptic permutoating locks.
DAY and BOE ..	England : Lincoln's Inn-fields	Chromography and	26	Manufacture of stained wood chromography.

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DEANE, I.	America: Vermont	Maple Sugar,	3	Sample of maple sugar, and jug of fine maple molasses.
DEANE, DRAV, and DEANE	Van Dieman's Land	White wheat,	3	White wheat.
DEANE, DRAV, and DEANE	England: King William-street.	Store crates	22	Fire lamp stoves. Yatch stoves. Model of kitchen range.
DEANE, ADAMS, and DEANE	England: King William-street.	Double & single guns and pistols	8	{ Spiral raised rib rifles. Safety stop lock guns, gun locks, fowling pieces. Indian and American rifles, pistols.
DE ARNETTA, Jose Joaquin	Spain	{ Sugar	3	{ Sugar from Havannah prepared by the vacuum process in the plantation itself.
DEBAIS, A.	France: 13 Rue Vivienne, Paris	Mechanical piano-forte	10a	Piano, harmonium, and other musical instruments.
DE BAST, T. and DIECHOFF	Switzerland: Ballo	Figured ribbons	13	Specimens of ribbons.
DE BAST, C.	Belgium: Ghent	Grey calicos	11	Bleached and unbleached calicos.
DEBAT, Auguste	France: 5 Passage Colbert, Paris	The "Premier Berceau," in marble	30	Artificial stone statues and ornaments. Baked clay.
DEBAT, Jean	France	Statuary	30	Pilgrim Boy.
DE BEAUVOIS, Ch.	France: 23 Rue de Bourgogne, Paris	Hive on the plan of Huber	3	Bee-hives, pigeon holes, &c. Apparatus for agricultural purposes, or for rearing bees.
DERBEL, PELLERIN and Co.	France: Nancy	Counterpane	19	Embroidered bed-coverlet, various cards of patterns.
DE BERGUE, C.	England: 9 Dowgate-hill	Rollway buffers	5	Specimens of vulcanized india-rubber buffers for railway carriages.
DE BERGUE, C. & CARAZAL, La fille	As above	Reeds made by machinery	6	Station buffer.
DE CAVAILLON —	Spain: Havannah	Havannah cigars	3	Specimens of dents, and reeds or combs complete for weaving every description of fabrics, manufactured by machinery.
DECESARE, P. P.	France: 30 Rue Talbott, Paris	Salts of ammonia	2	Various kinds of cigars.
DECKER, R. L.	Malta: Valletta	Carved Malta stone	27	Chemical productions obtained by purifying gas.
DECOFF, WATTELOT, & BAUDOUN	Prussia: Berlin	Printing and types	17	Very large jugs with pedestals, large vases and jugs.
DEED, J. S.	Belgium: Roulers	Fine linens	14	Specimens of printing and printing types. The new Testament in large folio, beautifully illustrated and bound in velvet with silver clasps and ornaments on the cover.
DEFFNER, C.	England: Little Newport-st.	Angora goat and sheep-skin rugs; morocco leather	16	Steel punches of the types.
DEFFNER, C.	Wurtemberg: Esslingen	Hardware, various	22	Bleached and unbleached linen, Orleans, alpaca and paramatas.
DEPRENNE, Sophie	Belgium: Brussels	Brussels point handkerchief	19	Specimens of leather. Dyed sheep and lamb skin wool rugs or mats.
DEFRIES, N.	England: Regent-st.	Gas-meter; bath heated by gas, &c.	22	Iron flower table, cigar tray, writing case, thrift box, washing tubs, sugar box, working baskets, chess-board, fruit baskets, pictures, and coffee trays. Bird cages. Silver plated speaking trumpet, and miscellaneous articles of hardware.
DE GEMIN, —	France: Marseilles	Cotton oil	4	cellaneous articles of hardware.
DEHESELE, A. J.	Belgium: Thiemester nr. Verviers	Flannels, swan-skins, &c.	12	Brussels lace handkerchief. Berthe and head-dresses, and lace collars.
DEJEANT, —	Portugal	Collection of worked and polished marbles	27	Gas works, gas stoves, gas bath heater. Dry gas-meters. Conservatory heated, lighted and ventilated by gas. New mode of melting and distilling.
DE KEYS, Brothers	Belgium: St. Josse-ten-Noode, near Brussels	Mosaic floor	26	Cotton-seed oil, clarified and bleached—samples.
				Pieces of flannel and domet.
				Marble slabs for tables.
				Mosaic floor, made of natural wood, of divers colours.

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DELACOUR, H.	France: 47 Rue Vieille-du-Temple, Paris.	Horse-hair and "vegetable silk" damask	16	Horse-hair, and vegetable silk textures.
DE LA FONS, J. B.	England: St. John's-wood	Locks	22	Safety locks and bolts, for windows and doors.
DELAMORINIÈRE, GOSY, and MICHELLET	France: 12 Quai de Bethune, Paris	Fancy fabrics, printed in steam colours	18	{ Satinéd barège dresses; mousseline-de-laine; Paris crape, &c.; long shawls; fancy woollen and cotton fabrics.
DE LAROCHE, DAIGREMONT	France: 17 Rue de la Paix, Paris	Muslin robe jacket, and cambric handkerchiefs	19	Embroidery and nouveautés.
DE LA RUE, and Co.	England: 110 Bunhill-row	Envelope machine	6	Envelope folding and gumming machine.
DE LA RUE and Co.	As above	Inediscant films	10	Samples of stationery, and specimens of printing and bookbinding.
DELAITRE and Son	France: Roubaix.	Worsted fabrics and merinos	12	Various fabrics for dresses, of long-combed wool, and combed merino wool.
DELEHAYE, A.	Belgium: Brussels	Application of Brussels flounce-vel	19	Brussels lace applied on real ground lace, comprising scarfs, veil.
DELFOSSE, Brothers.	France: Roubaix.	Merinos	12	Woollen and other fabrics, in various qualities.
DELLA VALLE, Brothers	Tuscany: Leghorn	Table and vase in scagliola	27	Rectangular table in scagliola, with various ornaments, and entirely inlaid, in imitation of works in hard pebbles. Round table in scagliola, representing Galileo visited by Milton, in his prison at Rome; with several emblematic ornaments, partly inlaid. Vase in scagliola, entirely inlaid after the Etruscan style.
DELLOYE, Matthieu C.	Belgium: Huy	Iron, sheet iron and steel	1	Sheet iron and sheet steel for locks and hardware.
DELSTANCHE, P.	Belgium: Marbais	Plough	9	Nineteen-fold articulated roller. Triangular weeding-machine, for stubbles. Double plough. Plough with hinder share. Mole-trap. Straw-chopper. Oblique weeding-machine, with six blades. Winnowing machine. Machine for clearing grain and seeds.
DELVIGNE, G.	France: 24 Rue de Bouloy, Paris	Apparatus for saving life from shipwreck	8	Portable howitzer; priming horn; and an apparatus for saving life.
DEMI, DONEAU, & BRACKNERIE	France	Tapestry	19	Aubusson carpet; tapestry.
DEMIDOFF, Messrs.	Russia: Siberia	Iron and copper	1	Specimens of rocks found in auriferous and in platina sands. Native gold. Pine-tree wood. Charcoal.
DENISON, Sir W. T.	Van Dieman's Land	Collection of raw produce	4	Five collections of raw produce.
DENT, ALLCOCK and Co.	England: 97 Wood-street	Gloves of high-class workmanship	20	{ Assortment of ladies' and gentlemen's gloves, of various materials, colours, and styles; with plain and fancy sewing.
DENT, E. J.	England: 61 Strand	For a successful attempt to construct a compass that should not be disturbed by the motion of the ship at sea, nor by the firing of guns on board	8	{ Large assortment of ladies' and gentlemen's superior watches; marine chronometer, with glass balance-spring, glass balance, and compensation for variation of temperature, of platina and silver. Azimuth and altitude compass. Diploidscope. Astronomical and other clocks. Large church clock.
DENTON, W. and Co.	England: Manchester	Salts, and colouring matters, and oxide of zinc.	2	{ Ornaments of bichromate of potash, and of nitrate of lead. Mineral colours, &c. by calico printers and dyers, china and earthenware. Description of French and other manufactures.

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DEKREER, M.	France	Made type, fonts	17	Made type, fonts, French mangles, of various sorts.
DEWILLY and Co.	France : 36 Quai Jemmapes, Paris	Marbles from the Pyrenees	1	
DREWENT IRON COMPANY	England : Newcastle-on-Tyne	Large plates of rolled iron, for awy-beams of engines, and ship-building purposes; and a railway bar, 66 feet long	5	{ Specimens of rolled iron plates used in the construction of marine engines, and the building of iron ships, 17 to 20 feet long. Rolled keel-iron. A railway bar, measuring 66 feet 9 inches in length.
DE SANDOVAL and Co.	France : Tarbes	Chocolate	3	Specimens of chocolate.
DESAUGES, A.	France : 57 Quai Valmy, Paris	Mantelpiece and pavement in stone	27	Carved mantelpiece, two mangars, two filterers.
DESFONTAINES, MAISON, LEROY, and Son	France : 34 Galerie d'Orléans, Paris	Pair of cutting leather for boots and shoes	20	Boots and shoes.
DESIGN, Government Head School of	France : 13 & 15 Galerie Mont-penser, Paris	Cast-iron clock	23	Travelling and other clocks, chronometers, musical picture.
DESGARDINS, Lieux	England	Designs	30	Designs for carpets, drapery.
DESMETZ and Co.	France : 4 Passage St. Avoye, Paris	Medallions	22	Medallions, vases for holy water, small statuettes, lamps, and other embossed objects of all kinds.
DESMETZ, A.	Belgium : Zèle	Flax	4	Samples of flax dried with its seed, grown in 1850.
DE TILLANCOURT, — DETOUCHE and HOUDIN	France : 85 Rue de Chaillot, Paris	Printing	17	Six volumes, ancient Bourbonnais, ancient Auvergne, and Le Velay, four volumes in folio.
DEVARANNE and Son	France : 158 & 160 Rue St. Martin, Paris	Silk	4	Raw silk from the north of France.
DEVERS, J.	France : 32 Rue d'Enfer, Paris	Good collection of clocks	10b	Chronometers, large and small regulators, mathematical watch-work, watches, &c. Monographic apparatus.
DEVISSE, —	France : 36 Boulevard des Italiens, Paris	Castings in zinc	22	Zinc casts, lion, panther, Venus, boy with a squirrel, head of Paris, stag's head, lions' heads. Assortment of fine cast-steel. Jewellery. Terra-cotta painted with enamel-paste. Virgin, enamel paste on lava.
DEVOLANE, Brothers	France : Vauxrot	Holy family on lava	20	Painting with enamel paste, on china.
DEWNEY, J.	England : Cullompton	Sporting guns and arms	8	Muskets. Various fire and side-arms.
DEYEUX, —	France : Liancourt	French bottle-glass	24	Samples of bells and bottles.
DEZAUX, Lacour	France : Guise	Writing paper, &c.	17	Specimens of paper.
DE ZOLUETA, — D'HECREUSE, C.	Spain : Havannah	Crucibles	1	Crucibles for the melting of metals, and chemical utensils.
	Prussia : Berlin	Curried calf skins	16	Curried hides. Calf-skin for shoes, Calf-skin for spinning mills and for harness-makers.
		Sugar from Havannah	3	Samples of sugar.
		Straw-work	28	Bonnets of Brussels, Swiss, and Saxon straw, and Italian chip. Leg-horn bonnet with straw, and Prussian and Bavarian arms embroidered with straw, and Manila hemp.
DIGSONS and LAYNES	Scotland : Hawick and Glasgow	Woolen fabrics	12	Scotch lamb's wool hosiery. Clan, shepherdess and fancy tartan wool plaids. Cheviot, Australian, and Saxony wool trousseings.
DIERGARDT, F.	Prussia	Plain and figured velvets, and velvet ribbons	13	Plain and figured velvets and velvet ribbons.
DITTELE, J.	France : Sèvres	Painting on China	30	Pictures and copies of pictures done on china after the great masters.
DIETRICH and Son	France : Heiderbom	Specimens of iron-castings	22	Iron casting of the Saviour on the cross. Sheet of cast-iron. Ornamental iron-casting. Dishes, stew-pans, and various pieces of wrought iron.

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DILL and MULCHAHSEY.	..	America : Virginia.	..	Cavendish tobacco	..	3	Specimen of manufactured tobacco.
DIMOCK, T. . . . .	..	England : Shelton, Staffs.	..	Earthenware	..	25	Table plates, tureens, dishes and dish covers. Garden seats richly japanned and gilt. Wine cooler, terra-cotta ware.
DINGINGER, A. F. . .	..	Prussia : Berlin	..	Sofa-carpets	..	19	Velours carpets. Rugs. Velours for travelling bags.
DITCHBURN, J. T. . .	..	England : Blackwall	..	Models of paddles and screw steam vessels	..	8	Models of river, coasting, sea-going, and war-steamers, showing the improvements made in steam-ship building in the Port of London since its introduction in the year 1813. "Vladimere" built for the Emperor of Russia; H.M.'s. screw steam-vessel "Sharpshooter," steam-packet "Wonder," iron cutter-yacht "Mystery," "Earl Spencer," one of the last of the passenger sailing-packets that plied between London and Gravesend, built 1796; H.M.'s. "Fairy" screw-steam yacht; a schooner sailing yacht, built for the Grand Duke Constantine of Russia; wrought iron caisson to supersede entrance gates to the new docks at Woolwich.
DUTTMAR, Brothers..	..	Wurtemberg : Heilbronn	..	Cutlery	..	21	Razors and razor strops. Penknives, paper cutters. Wood, Circassian, Greek and Yataghan knives, daggers, hunting hangers and stilettes.
DIXON and WHITING	..	England : Bermondsey	..	Assortment of varnished and enamelled hides and splits	..	16	Garden knives and implements.
DIXON, J. and Son . .	..	England : Sheffield	..	Powder flasks	..	22	Samples of enamelled, japanned and coloured hides. Extremely large hide split. Hide split into three, the grain enamelled and the two splits japanned.
DIXON and Sons	..	England : Sheffield	..	Britannia metal	..	23	Powder and pistol flasks, shot-pouches, drinking flasks, &c., in precious and other metals.
DOLAN, D. . . . .	..	England : Salford..	..	New kind of seagliola work	..	27	Sculptured silver candleabra and epergne with crystal glass weighing about 720 ounces. Silver and gilt coffee and tea service with silver salver, modelled from a leaf of the Victoria Regia, and other articles in silver, in best Sheffield plate, and in Britannia metal.
DOLBERG, A. . . . .	..	Prussia : . . . . .	..	Balance	..	10	Seagliola Gothic columns, illustrating a new method of working in Seagliola.
DOLLEUS, MIEG and Co.	..	France : Mulhouse	..	Printed muslins and jacons : also, moseline-conets ; also, moseline-de-laines, all wool	..	18	Weighing machine.
DONAT, ANDRE and Co.	..	France : Lyons	..	Vestings and silks for cravats, in plain, figured, and broché satin and Grenadine	..	13	Pieces of wool, muslin, jaconet, clear muslin.
DONAT, J. and F. . .	..	France : Lyons	..	Black silk plush	..	13	Waistcoats and dresses, fancy watered silk, grenadine, satin poplin.
DORÉ, J. F. . . . .	..	France : Havre	..	Machine for weaving improved heads	..	6	Silk plush for hats, in pieces. Plain hats.
DORN and REINHARDT	..	Hesse, Grand Duchy of : Worms	..	Assortment of varnished sheep leather	..	16	A machine for manufacturing woollen stuffs.

Japanned and enamelled calfskins for shoemakers, and furniture.

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DOVE, C. W. and Co.	England : Leeds ..	Specimens of fine frame Brussels carpet ..	19	Velvet pile Brussels, Kidderminster, and Threeply carpets.
DOVER, J.	England : 14 Little New-st.	Balance ..	10	Precise balance for chemical analysis and assaying.
DOVESTON, G.	England : Manchester ..	Cabinet and chair ..	26	Ebony book-case carved in relief. Boudoir chair of carved ebony.
DOUCET and DUCIERE	France : 21 Rue de la Paix, Paris	Embroidered shirts ..	20	Bijouterie cabinet in tulip and king woods, with savres china panels.
DOUGLAS, J. S. and Son	Hamburg ..	Toilet soap ..	29	Shirting and various made up articles.
DOULTON & WATTS & HENRY	England : Lambeth ..	Articles in stoneware and porcelain ..	27	Glazed stone-ware drain and water-pipes. Terra-cotta vases, garden pots, and agricultural ornaments. Large pipe in stone-ware, and other articles.
DOUMEC, E.	France : Jouy St. Morin..	Printing and paper ..	17	Printing, drawing, writing and card papers.
DOWBIGGIN and Co.	England : 23 Mount-street	Inlaid cabinet, ornamented with porcelain ..	26	Commode of various woods, the panels ornamented with marqueterie and carvings, and painted china in the centre ; the whole finished with richly gilt mouldings. Walnut carved bedstead and cornice, with temporary hangings.
DOWLING, H.	Van Dieman's Land	Tasmanian printing ..	17	Books : Tasmanian calendar, 1848-'49-'50.
DOWSON, J. E.	England : 123 Oxford-st.	Cundy's hot-air ventilating stove ..	22	Cundy's hot-air ventilating stove.
DRAKE, Professor F.	Prussia : Berlin ..	Cast, in plaster, of part of pedestal to monument of Frederick William III. of Prussia ..	30	Cast of size of a part of the pedestal of the marble monument of Frederick William III. of Prussia, erected at Berlin. Boy reclining, in marble.
DRAKE, R.	England : 25 Piccadilly ..	Three very beautiful muffs ..	16	Russia sable, spotted ermine, and grebe muffs. Coronation robes.
DRAPER, —	England ..	Leather ..	16	Astracan lamb's skin.
DREWSON and SONS	Denmark : Silkeborg ..	Writing paper ..	17	A remarkable heavy and well-tanned English hide.
DREYSE and COLLENSBÜSCH	Prussia : Sommerda ..	Copper rivets ..	22	Specimens of paper glazed by machine.
DRON, E.	Belgium : Gosselies ..	Wrought nails ..	22	Specimens of percussion-caps. Tin plate, barrel, and copper rivets.
DRUIN and BROSSIER	France : Labriche ..	Printers' colours ..	22	Samples of nails made by hand.
DURAR-DELESPAUL	France : Roubaix..	Cotton trousseings ..	11	Various chemical productions.
DUBOIS, G. and Co.	Belgium : Verviers ..	Trouser cloths ..	12	Cotton textures for trousers and other articles of apparel.
DUBOIS, F. Williams	Switzerland : Canton of Neuchâtel	Astronomical clock ..	10b	Winter and summer stuffs for trousers and paletots.
DUBOIS, A.	Switzerland : Chaudefonds, Neuchâtel ..	Engraved gold ..	23	Astronomical clock, with lever escapement. Marine chronome tern a new calibre.
DUBSKY, Count	Austria : Elsisitz ..	Wire tacks, twisted nails ..	23	Gold plate exhibiting ornamental designs for watch-making ; jewellery.
DUCCI, A. and M.	Tuscany : Florence ..	Organ, with baristata stop ..	10a	Various kinds of iron-wire tacks, and ornamental-wire tacks, for decoration.
DUCCI, A.	Tuscany : Florence ..	Walnut-wood veneers ..	4	Organs of new construction. Architectural model to show the application in marqueterie of walnut sheets upon cornices, however complicated without being cut at the angles. Joining of sliding rules, with grooves very complicated and difficult.
DOCHS, — Sen. and Co.	France : 1 Rue des Petits Pères, Paris ..	Fine shawls, of Indian wool ..	15	Long and square figured shawls of every kind.
DOCHENZ, J. J.	Belgium : Aasche-en-Rifail ..	Churn ..	9	Churns, buckets,

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DUCLEZEAU, A. Mme.	France: Sevrés	Painting of Holy Family, & of Her Majesty, on china	30	Half-length portrait of Her Majesty, and painting of the Holy family, on Sevres china.
DUFFIELD, C. . .	America: Kentucky .. .	Ham	3	Specimens of smoked hams in canvas.
DUFOSSE and MEENOTE	France: 20 Rue de la Paix, Paris	Excellent workmanship in boots and shoes	20	Improved ladies' boots and shoes.
DUFOSSE, — Sen.	France: 13 Rue St. Dominique, Paris	Strong work in boots, &c.	20	Waterproof hunting boots:
DUFORN, L. . .	Sardinia: Genoa .. .	Quinine .. .	2	Samples of sulphate and citrate of quinine.
DUGARD, N. and H. . .	England: Birmingham ..	Carriage lamps	22	Carriage lamps, horse-collar, improved pattern of hair horse-saddles, thillier cart-horse collar.
DUHAYO, BAUNFAUT and Co.	Belgium: Brussels .. .	Wide and narrow Valenciennes laces	19	Valenciennes and Brussels lace.
DUKE and Son .. .	England: Peshurst .. .	Articles used in the game of cricket	29	Articles used for the game of cricket.
DULEY, J. . .	England: Northampton ..	Cottage cooking stove	22	Self-acting effluvia trap. Cooking stove.
DUMAINE, X. . .	France: Tournon .. .	Organzines .. .	19	Yellow raw spun silk. Organzine employed in manufacturing the rich stuffs, ribbons, crapes, and satins of Lyons and St. Etienne.
DUMORTIER, L' .. .	France: Bousbecque, near Lille	Flax .. .	4	Bunch of raw flax, French growth, retted in the river Lys in 1849:
DUMORTIER and Co. . .	France: Lyons .. .	Stearic candles .. .	29	Box of French wax candles.
DUMAINE, J. A. . .	France: 13 Rue Lepelletier, Paris	Town-Berline, well-formed, and got up in a superior manner .. .	5a	Four-wheeled carriage, of the description called town-Berline.
DUNN, W. . .	Canada: Quebec .. .	Porcupine quill chair ..	28	Embroidered chairs.
DUFONT, P. . .	France: 55, Rue de Grenelle St. Honoré, Paris .. .	Printing and fac-similes..	17	Lithography, lithotypography. Stereotype on stone, and stones for lithography.
DUFORT, V. . .	France: 16, Rue des Frères Bourgeois St. Marcel, Paris ..	Three split hides, of twice the usual length .. .	16	Hides of large size prepared by a new process.
DUPRAT and Co. . .	France: Castres .. .	Cork in sheets .. .	28	Corks and sheets cut by machinery.
DUPRE DE ST. MAUR. . .	Algeria: Orbal .. .	Cotton .. .	4	Soft wheat, tobacco leaves, Jumel cotton wool, madder roots.
DURAND, F. . .	France: 41 Rue du Bac, Paris ..	Tea service .. .	23	Tea-service, consisting of 17 pieces. Table centre piece, accompanied with four crystal cups.
DURAND, E. P. . .	France: 4 Rue St. Claude, Paris	Cabinets .. .	26	Arm chairs in mahogany and gilt. Chairs and sideboard. Bookcase.
DURANTON, J. B. . .	France: 11 Rue St. Joseph, Paris	Shirt fronts, loom-made, in imitation needle-work	11	Cotton and linen yarn fabrics for shirt-fronts.
DURIAM, J. B. . .	England: 450 New Oxford-st. ..	Chatelain .. .	23	Cutlery with illustrations of manufacture. Cut steel chatelain in the antique style, with improved scissors and tablet.
DUTCH RAILWAY COMPANY. .	Netherlands .. .	Models of railway draw-bridges .. .	7	Model of a crane bridge on the Dutch Railways, constructed over the railway at Rotterdam, and a model of a railway bridge at Amsterdam.

DUTRETE, A.	..	Switzerland : Geneva	..	Enamels	..	23	Gold pocket-book. Gold cigar-cases, with watch. Gold purse, ring and bracelet. Walking-stick head.
DUVAL, A.	..	France : Chen	..	Silk	..	4	Yellow and white silk yarn, especially suited to lace and blonde manufacturing.
DUVILLEROY, P.	..	France; 17 Passage Pasorama, Paris	..	Fans	..	29	One hundred fans of various kinds, carved and painted.
DUZONGLAU, Messrs.	..	Turkey	..	Writing Papers	..	17	Writing papers.
EARNshaw, H.	..	England ; 21 Wimpole-st.	..	Cases of harness	..	16	Blue morocco bridle, hunting breastplate and other harness. Improved dumb jockey. Victoria and hunting bridles.
EARLE, T. K. and Co.	..	America : Boston	..	Card clothing	..	6	Machine cards.
EARLY, J. and Co.	..	England ; Wincny	..	Witney blankets	..	12	Variety of Witney blankets.
EAST INDIA COMPANY, the Hon.	..	India	..	Wootz steel and manufacture	..	1	Wootz steel and manufacture.
EAST INDIA COMPANY, the Hon.	..	As above	..	Collection of rice, teas, spices, and cigars	..	3	Collection of rice, teas, spices, and cigars.
EAST INDIA COMPANY, the Hon.	..	As above	..	Collection of Indian papers	..	17	Collection of Indian papers.
EBART, brothers	..	Prussia : Berlin	..	Paper, glazing boards, and carton-pierre for roofing	..	17	Hand papers for bank-notes, &c., and machine papers from the paper-mill at Spechthausen ; and glazing boards and carton-pierre for roofing from the paper-mill of Wethlage, near Neustadt-Eberwalde. Maps of Coal, ironstone, &c., from the Elbw Vale and Coalbrook Dale. Models of the mineral fields and workings.
EBEW VALE COMPANY, the	..	Wales : Abergavenny	..	Collection of manufactured iron, models	..	1	Section of every description of railway bars, used on different railways. Waste-watering and woollen scarfs for gentlemen.
EAST INDIA COMPANY, the Hon.	..	England ; 83 Upper Thames-st.	..	Railway bars	..	5	Power loom Cobourg cloth wool. Orleans cloth, Saxony Orleans cloth ; mousseline-de-laine, power loom Saxe Cobourg cloth, power loom barège de laine, made from cotton and wool, buntin for colours, &c.
ECHINGER, Brothers	..	Austria : Vienna	..	Vestings	..	15	Worsted health yarn, Genappe cord, press bagging.
ECROYD, W. and Son	..	England : Burnley	..	Genappe yarns	..	12	Pins, the heads and shafts in one solid piece, made by improved machinery. Elastic hair-pins. Iron wire.
EDELSTEIN and WILLIAMS	..	England ; Birmingham	..	Pins	..	22	Model of a pair of pit frames, with barrel and flat chains. Wood and iron-keyed flat chains for pits.
EDGE, J.	..	England ; Coalpool, Shropshire	..	Pit chains	..	22	Wet and dry gas-meters. Frothometer to ascertain the illuminating power of gas.
EDGE, T.	..	England : Westminster	..	Gas-meter	..	22	Five-horse power direct, acting high pressure steam engine.
EDWARDS, T.	..	England : Birmingham	..	Five-horse power direct-acting steam-engine	..	5	Circular, corrugated, and oblong Dr. Arnott's stoves, for warming churches, halls, &c. Dr. Arnott's ventilating valves and wind-guards.
EDWARDS, F.	..	England ; 42 Poland-st.	..	Arnott's stove	..	22	Various dressing cases.
EDWARDS, T. J.	..	England : 21 King-st., Holborn	..	Dressing-cases	..	29	Cast iron chimney piece varnished ; two side pieces of cast iron.
EGLIS, F. A.	..	Prussia : Berlin	..	Cast-iron chimney-piece	..	22	
EGGE, Ferdinand Count Von	..	Austria : Lippitzbach, Friezbach, and Feistritz	..	Iron and steel	..	1	Hoop, square, and cylindrical iron. Rolled saw blades of raw steel, plates of hard iron for cementing. Selection of Breschian steel, including cast, accialon, fir, and scythe steel. Musical string, cording, currying, bed spring and pit rope wires. Fine middle & ordinary wire.

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EGGER, J. B.	Austria : Villach	Leadon pipe 900 feet long, in one piece	22	{ Pressed leaden pipe, 900 feet long, in one piece. Two pieces of pressed leaden pipe, tinned. These leaden pipes were especially worthy of observation, on account of their great length, thinness, and quality. A fur carpet.
EGGERS, F.	Russia	A fur carpet	16	
EGYPTIAN GOVERNMENT	Egypt	Collection of 165 volumes of books, printed in the Arabic, Persian, & Turkish languages; likewise for a catalogue of all the books published in Egypt	17	{ One hundred and sixty-five volumes of works in Turkish, Arabic and Persian, published at Roulac. Catalogue of the Oriental books.
EHRENZELLER, F.	Switzerland : St. Gall	Net and muslin curtains	19	
EICHNER, G. L.	Bavaria : Nürnberg	Mechanical toys	29	{ Embroidered curtains of various kinds. Varnished toys of tinned iron plate. Brown and white linen table-cloths and napkins, with wreaths of flowers and views.
EICKHOLT, Anton, Heirs of	Prussia : Warendorf	Designs of damasks, and colours of linen	14	
EINSEDEL, Count G.	Prussia : Lauchhammer	Cast-iron goods	22	{ Cast-iron goods. Ornamental bronze casts. Bust of the Prince of Prussia. Polar bears, monkeys, tigers, modelled from animals in the London Zoological Gardens. Flutes, &c. Printing machine for the blind.
EISENBRANT, C. H.	America : Baltimore	Clarionets and flutes	10a	
EKATERINBURG, Imperial porcelain manufactory of	Russia : Perm	Jasper vases	27	{ Bordered vase of greenish jasper. Gum and resin series, including products of Arabia, Bengal, Vizagapatam. Drawing instruments. Dumpy level. Theodolites. Transit instrument. New instrument for measuring distance. Telescopes. Operating glasses. Standard English yard. Slide-rule. Azimuth and altitude instrument.
ELLIOTT and Son	England : Birmingham	Buttons	22	
EMMERICH and GOERGER	France : Strasbourg	Assortment of coloured and black morocco	16	{ Fancy buttons for ladies' dresses. Gilt and plated buttons. Silk, velvet, satin, Florentine, and linen buttons. Pearl buttons, with metallic rims. Morocco leather of various colours. Gilt sheep-skins.
ENFER, E.	France : 32 Rue de Malte, Paris	Blowing machine	5	
ENGEL, F.	Prussia : Berlin	Wave surface	10	{ Various blowing machines. Model of Fresnel's undulating plain. Model of an Ellipsoid. Assortment of brushes of every kind and description. Plate with the royal Prussian arms, &c., formed of hair in the manner of brushwork.
ENGLAND, G. and Co.	England : New Cross	Tank locomotive engine; traversing screw-jack	28	
ENRIQUEZ, J. N.	Spain : Velez Malaga	Cane-sugar, from Malaga	5	{ Improved locomotive engine, for light traffic, and express trains. Refined sugar, from the cane grown in the neighbourhood of Malaga.
ENSOE, T.	England : Milbourne Port, near Sherborne	2-finger gauntlets & gloves	3	
ENTLOVEN, K. L.	Netherlands : Hague	Iron crane, for lifting and weighing	20	{ Fur gloves; gloves lined with plush, wool, &c.; kit, goat, calf, sheep, deer, fawn, and purse gloves. An iron crane, for weighing and lifting. Instrument for measuring distances at sea. Marine barometer. Instrument for taking soundings, and measuring the depth of water.
ERICSSON, J.	America : New York	Sea-lead; pyrometer	5	
			10	

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
EAREL and Son	Bavaria ; Reichenbach ..	Universal astronomical instrument	5	Astronomical universal instrument ; constructed on most recent principles, with telescope.
ESDAILES and MARGRAVE ..	England : City Saw Mills ..	Cork veneer	23	Specimens of novel uses of cork, and of preparations of cork by steam machinery ; applicable to the making of hats, mattresses, bolsters.
ESSEX, W.	England : 3 Onaburg-st. ..	Collection of enamel paintings	30	Extensive collection of enamel paintings.
ESTROMIA, the Government of ..	Russia : Eathonia	Flax	4	Flax, sorted.
ETTERL, Melsen	Tunis	Dates	3	Collection of varieties of Dates.
ETEX, A.	France : Paris	Various works of sculpture, in plaster and marble	30	Two groups in plaster.
EVANS and Co.	England : Old Change	Collection	10c	Surgical instruments.
EVANS, and Co	England : 121 Cheapside ..	Printed-silk-handkerchiefs	18	British and foreign silk handkerchiefs, dresses, and table-covers.
EVANS, R. and Co.	England : 24 Watling-st. ..	Silk fringes, braids, and table-covers	19	Silk ornaments, bell-pulls, curtain-holders, cords, gimps, tassels, rusettes, and trimmings.
EVANS and Son	England ; 33 King William-st. ..	fancy buttons	22	Register and warm-air stores, for drawing-rooms, cabins, &c.
EVANS, W.	S. Wales : Brecknock	Cooking apparatus	10c	Kitchen-ranges, including improved cooking apparatus, A classic pedestal lamp.
EVANS, J. S.	England ; 64 Berwick-st. ..	Artificial leg	17	Artificial leg, to enable persons who have lost the knee either to walk or ride.
EVERITT and Son	England ; Birmingham ..	Specimens of binding in white vellum	22	Bookbinding ; and leather stained in imitation of woods.
EWING, J. H.	America : Washington	Brass and copper tubes	4	Copper and brass tubes, for locomotive and machine boilers, gas, steam, &c. Specimens showing process of manufacture of rolled metals ; and of brass and copper wire.
EYRE, WARD and Co.	England : Sheffield	Wool	21	Specimens of wools.
EYRES, W. and Sons	England : Leeds	Cutlery	12	Table-knives, commencing with the cheapest and commonest manufacture for export. Ivory, silver, and other descriptions of table-cutlery. Razors, including the cheapest serviceable razor to the most costly. Pocket and pen-knives. Dagger and bowie knives. Scissors, scythes, and sickles.
FABER, A. W.	Bavaria ; Stein near Nürnberg ..	Woollen cloths	17	Woollen cloths.
FABIAN, C. G.	Prussia : Humboldtsau nr. Breslau ..	Black-lead pencils	4	Patterns of black-lead pencils.
FACV, R.	England : Wapping-wall ..	Pine-needle fibre	10	Pine-needle wool for upholstery, intended to guard against moths, and for wadding. Pine-needle wool wadding mattresses and bolster.
FAESSLER, J. A.	Switzerland : Appenzell	Orrery	23	Pine-needle wool oil, used for medicinal purposes.
FALASSE and TRAPMANN ..	Belgium : Liege	Milk-tubs	23	Vertical orrery.
FALLOUSE, J.	Belgium : Liege	Percussion caps	23	Milk tubs in miniature.
FARADAY and Son	England : 114 Wardour-st. ..	Damascene steel	22	Arms and percussion caps.
		Gas chandelier, on Professor Faraday's principle	22	Steel shield, iron and silver-gilt drinking-cups, steel bracelet, iron vase, steel pins.
				Gas chandelier on Professor Faraday's principle, by which all noxious products are carried off.

FARINA, J. M.	Prussia: Cologne	Eau de Cologne	29	Eau de Cologne of the genuine sort, arranged in Gothic carved case, the first had existed since 1709.
FASSIN, — jun.	France	Waistcoatings	15	Waistcoatings.
FAUDEL and PHILLIPS	England: 38, 39, & 40 Newgate-st.	Embroidered hangings for a State bed	19	{ State-bed in needlework, the bedstead of carved wood, richly gilt. Patterns for needlework and crochet. Worsted yarns, silks.
FAUKNER, R. and C.	England: 44 Jernyn-st. ..	Preserved fruits	3	Preserved fruits.
FAUNTLEROY, R. and Sons..	England: Potter's Fields, Tooley-st.	Collection of Woods	8	Extensive collection of foreign hard and fancy woods. An elephants' head, with tusks and grinders. Variety of elephants, 'hippopotamus' and walrus' teeth, and sea-unicorn's horns. Mother-o-pearl shells. Corozo nuts or vegetable ivory, and coquilla nuts.
FAUVELLE-DELEBARRE, —	France: 10 Boulevard Bonne Nouvelle, Paris	Tortoise-shell combs	28	Tortoise-shell and buffalo-horn combs.
FEAU-BECHAR, V. A.	France: Passy-les-Paris ..	Skein-dyed woollen yarns for shawls	18	{ Woolens and cashmeres dyed in various colours, for manufacturing cashmere shawls and fancy articles.
FETHAM, MILLER, & SAYER	England: 9 Clifford-st., Bond-st.	Stove-grates (and special approbation)	22	Fire-grates, stoves, fenders, &c. Locks, finger-plates, fire-irons.
FEHR, J. C.	Switzerland: St. Gall	Jacquard muslins	11	Jaconet, gauze, figured muslin, bobbinet shawl, muslin dress.
FELIX, A.	France: 40 Rue St. Honoré, Paris ..	Fans	29	Fans of all descriptions. Jewellery, and French skins for fans.
FERN, J.	America: New York	Comb	28	Ivory articles, one comb having 150 teeth in the inch, was cut by manual labour, and exhibited for workmanship.
FENNEY, Frederick	England: Sheffield	Razors	21	Razors, including specimens of the best work, new in pattern and design. Specimens shewing the different stages of the manufacture of the blade.
FERGUSON and Sons	England: 21 Gillespie-st. ..	Collection	10c	Complete set of surgical instruments, for capital and minor operations. Apparatus used in orthopaedic surgery.
FERGUSON, MILLER, & Co..	Scotland: Heathfield, nr. Glasgow ..	Vases in terra-cotta	27	Fire-clay Warwick vase, with flower-vase, and glazed stoneware pipes of the same.
FERQUELLE and ROLLAND ..	France: St. Quentin	Novelty of design and beauty of manufacture in coloured and figured muslins	11	{ Stoves, and broché for furniture. Plain and figured muslins and tartanettes. Fancy stuffs for dress.
FERRIER, Hon. J.	Canada: Montreal	Quality of iron	1	Specimens of iron, bog-iron ore, and refractory sandstone.
FERROL, the Royal Manu- factory of Isabella II., at	Spain: Ferrol	Canvas	14	Linen canvas.
FERUVELADOR, (the Tailors' Association) of Janina..	Turkey	Albanian Costumes	20	{ Male, embroidered in gold, and consisting of jacket, vest, gaiters, tastanille garters, belt for arms, three pieces, piece of shawl. Female, one long and one short gown, vest, jacket, and mentar trousers, or shawlan, shirt, sash, and slippers.
FERY, A.	France: La Teste	Rice from the Landes of Bordeaux	3	Specimens of raw and shelled rice.
FEXEUX, N. D. M.	France: 10 Rue Taranne, Paris ..	Series of féculles and similar substances	3	Chocolate, alimentary flour.
FIDLER, A. G.	Russia: Upatovka	Woollen cloths	12	Samples of cloth.
FIDLER, J. G. & S.	England: 13 Wigmore-street ..	Stearic acid	29	Samples of stearine, produced entirely from tallow.

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FICONE, V. and J.	England : West-street, Smithfield	Types	17	A form of pearl type containing upwards of 220 000 pieces of moveable metal, and weighing 140lbs., supported only by the lateral pressure of locking-up, exhibited to illustrate the truth of type-manufacture. Type-mould, pointypes, and electrotypes.
FILEMONOFF, Kosma	Russia : Jaroslaff, Nizh	Temp	4	Hemp.
FINCH and WILLEY	England : Liverpool	Model of a wrought-iron bridge over the river Wye, at Chepstow.	7	Model of a wrought-iron bridge to carry the South Wales Railway over the river Wye, at Chepstow.
FINCH, J.	England : 6 Pickett-st., City-road	Baths	25	Baths and wash-tubs. Porcelain wash and steam-tubs. Glazed bricks and slabs. Porcelain tile-bath.
FINLAYSON, F. and Co.	Scotland : Glasgow	Beauty of design and superiority of execution in fast coloured sprigged lappets	11	Lappet muslins, tartan, and lappets. Lappet founced muslin dresses. Linen thread, common satin finish, in best and second quality for tailoring purposes.
FINLAYSON, BOUSFIELD, & Co.	Scotland : Glasgow	Strength, taste, and neatness in threads	14	Specimens of various kinds of brushes.
FINO, J.	Sardinia : Turin	Brushes	28	Specimens of buttons. Stars of the Order of the Garter, the Thistle, and of St. Patrick. Swords.
FIRMIN and Sons	England : 153 Strand	Buttons	22	Blankets, coatings of Alpaca wool, mohair, and camels' hair. Cotton
FIRTH, and Sons	England : Heckmondwike, nr. Leeds	Blankets with cotton warp	12	disper rugs.
FISCH, Brothers	Switzerland : Buchler, Canton of Appenzell	Net curtain	19	Muslin dress, and curtains embroidered.
FISCHER, Anton	Austria : St. Aegydi	Steel and iron : iron wire	1	Iron-ore, and pig-iron. Spring-steel. Various samples of rolled bar iron. Assortment of iron wire. Samples of files.
FISCHER, Anton	As above	Files	21	As above.
FISCHER, Anton	As above	Articles of malleable cast-iron	22	As guns, double-barrelled rifle, with case, fowling piece, and rifle.
FISCHER, C. A.	Litbeck	Double gun, rifle, & pistols	6	Specimens of paper. Plate paper, for stone and steel plates, printing paper, tissue paper, white and rose-coloured, writing paper, drawing paper, worked on the endless machine, and sized with vegetable glue, vegetable paper for counter-drawing, paper for documents, notes, and bank-notes. Gigantic millboard for waggon manufactories.
FISHER, C. F. A.	Saxony : Bautzen.	Assortment of paper ; specimens of mill-board	17	Figures in bronze, eagle, girl praying, a Danaide. Vases, dinner, tea, and coffee services, candlesticks, &c. of porcelain. Portrait of the Empress of Russia in onyx. Various medals in bronze. Phryxus and Helle, relief in ivory. Composition.
FISCHER, C. H.	Prussia : Berlin	Figures in bronze	22	Black silk lace and piece goods, blonde machine-run curtains, tambour-flowerings, needlework, quiltings.
FISCHER, Moritz	Austria : Hercul, Hungary	Porcelain	25	Maple sugar.
FISCHER, K.	Prussia : Berlin	Medals	30	Indigo obtained from Wrightia, and cotton.
FISHER and ROBINSON	England : 12 Watling-st	Imitation laces	19	Specimen of bank-note printed in chemical water-colour, in two colours at one operation.
FISHER, Arthur	Canada	Maple sugar	8	
FISHER, G. F.	India : Salem	Indigo and cotton	4	
FISHER, J. H.	England : Hoxton	A new mode of printing from copper-plate in two colours at once, with a peculiar sort of ink, suitable for bank-notes and cheques	17	

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FIETER, J. ..	Spain : Barcelona	Rich black blonde dress and mantilla	19	{ Blondes : large kerchief of black blonde with flowers, mantilla of black blonde. Black and white blonde veils. Seven views of Rome and Albrun, and other views Carpets of various kinds, short-nap carpets. Kitchens, or cooking grates.
FLACHERON, F. ..	France : Ronne	Talbotypes	10	
FLAISIER, Brothers	France : Nimes ..	Alayuck velvet carpets ..	19	
FLAVEL, S. ..	England : Learnington ..	Cooking apparatus (and special approbation) ..	22	
FLAUD, H. P. ..	France : 27 Rue Jean Goujon, Paris	Five-horse power vertical cylinder direct-acting high-pressure engine, for working at high velocities with high-pressure steam	5	{ Steam engine of twenty-five horse-power. Fire-engine with apparatus. Wood, amber, and meerschau cigar-holders, and tobacco-pipe tubes. Assortment of meerschau tobacco-pipe bowls. Chess-board of ivory with figures. Samples of bristles. Youth at a stream, and Ino and Bacchus in plaster. Silk velvet of different shades. Hydraulic apparatus of various kinds. Paisley woven, printed, tartan wool, embroidered, and figured gauze shawls. Embroidered handkerchiefs. Wool mufflers. Embroidered vests and robe. Tartan and printed dresses. Ornaments worked in hair and gold. Jewellery, ornamental frame, containing the miniatures of Her Majesty, Prince Albert, and the Royal Family, mounted in hair and gold. Laces : royal Irish guipure ; Irish applique ; Limerick lace dresses, Houncings, scarfs. Violin, viola, violoncello, &c., made after the models of " Old Forster." Woollen cloth. Spanish stripes. Ladies' cloth, lilac. Royal, or three-quarters and black fine cloth. Various samples of wool and yarns. Inhabers Eines, and other fabrics. Lengths of cloth, and cones of felted cloth for pianos. Marqueterie writing-table in old German or Gothic style, of rosewood, inlaid with different metals, &c. ; and portraits in the same style. Portfolio in renaissance style ; another in luhl style. Preserved and dried fruits, and edible seeds, from various countries. Varieties of honey. Silk, dressed, wooden leather, and silk-plush gloves. Handkerchiefs, ribbons. Fancy bonnets. Embroidered and painted coats, vests, and hats. A collection of various articles, and a small cabinet.
FLOGE, G. ..	Austria : Vienna ..	Ambor for pipes, and pipe-tubes and bowls	29	
FOESE, G. ..	Prussia : Halle ..	Brushes	28	
FOLEY, J. H. ..	England ..	Sculpture	30	
FONTAINE, F. ..	France : Lyons ..	Vesting and garment silks ..	13	{
FONTAINE, P. ..	France : 58 Faubourg St. Honoré, Paris ..	Brass pans	22	
FORBES and HUTCHINSON ..	Scotland : Paisley ..	Shawls	15	
FORER, A. ..	England : 136 Regent-street	Ornaments worked in hair and gold	16	
FORREST, JAMES and Sons..	Ireland : Dublin ..	Jacket flouncings	19	{
FORSTER, S. A. ..	England : 13 Macclesfield-st.	Violoncello, violin, & viola ..	10a	
FORSTER, F. ..	Prussia : Grueneberg ..	Spanish stripes	12	
FORSTER, — ..	England : Streatham	Waterproof cloaks	28	
FORTIN-BOUTELIER..	France : Beauvais ..	Felt cloths for pianos	12	{
FORTNER, F. X. ..	Bavaria : Munich ..	Inlaid cabinet	27	
FORTNUM, MASON and Co. ..	England : 182 Piccadilly..	Fine collection of dried fruits ..	3	
FORTNA, PORTER and Co. ..	England : 47 Wood-st. ..	Plush plumage gloves	20	
FORTNA, RICHARD and DENTON..	England : 115 Wigmore-st.	Plumage in concert	25	

NAME.

LOCALITY.

ARTICLES REWARDED.

Class.

DESCRIPTION OF ARTICLES EXHIBED.

Parra, J. and Son...	England: Bradford	Worsted stuff goods, including also the award for alpaca, mohair, and lustre yarns	12	{ Goods made of cotton and alpaca, of cotton, silk and alpaca, of silk and alpaca, and of cotton and mohair. Fancy eatings, vestings, cloth, damasks. Alpaca, mohair, and worsted yarns.
FOUCHE-LEFLEUR, —	France: Javel, near Paris	Chemical products	2	Various chemicals and manures.
FOUQUET, Mlle. and Co. ..	France: 20 Rue Hauteville, Paris	Collars, half flannels	19	Collars, points, shawls, kerchiefs, and other articles of knitting work.
FOURDRINIER, E. N. ..	England: Sunderland	Safety cage for mines	5	Safety apparatus for preventing loss of life and property, when a rope or chain breaks in shafts of mines and collieries.
FOWLER, —	Van Dieman's Land: Maria Island	Woods	4	Dogwood and muskwood slabs. He-oak. Iron wood or Lignum Vitæ of Tasmania.
FOUNES, Brothers	England: 41 Chempside	Gloves	20	Ladies' gloves, from kid skins, produced in Ireland and dressed in England. Gloves from French-dressed kid skins. Silk, velvet.
FOX, HENDERSON, and Co. ..	England	Derrick crane	5	Lisle thread, beaver, Vicuna wool, and other gloves.
FOX, Alfred	England	Fishing nets	8	Derrick crane and models. Proving press and pipes.
FRACCAROLI, Immacenzo ..	Austria: Milan	Statues in marble, of Achilles wounded, and David slinging the stone	30	Fine specimens of nets, Seine, &c., for pilchards.
FRAIKIN, C. A.	Belgium: Schaerbeek	Psyche carrying off Cupid in plaster	30	{ Two statues in marble, the wounded Achilles, and David slinging the stone. Group in marble, Atala and Chactas.
FRANCESCHINI, G.	Tuscany: Prato	Silk	4	Statues of Cupid, Psyche, &c. Small plaster statue.
FRANCUE, C.	France: 42 Rue de l'Université, Paris	New repetition-action in a piano-forte	10a	Raw silk, from the exhibitor's spinning mills.
FRANGLON, —	France	Dye of merinos, exhibited by Patulle, Lupin & Co. ..	18	Two pianos.
FRANCIS and Son	England: Nine Elms	Parian cement	27	{ Pure wool and woollen and silk fabrics. Barège, muslins, merinos, summer materials.
FRANKENFELDE, the Royal flock at	Prussia: Wrietzen on the Oder	Wool	4	Specimens of Parian cement of various qualities. Medina cement.
FRANZ, J.	Prussia: Berlin	Bronze figure of Victory ..	22	Cement for railway-cutting drainage.
FRASER, Douglas	Scotland: Arbroath	Canvas made by steam-power looms	14	Fleece of a ram and of ewes, sheared in spring, 1850. Samples of wool.
FRATIN, —	France: 43 Rue de Trévise, Paris	Group of eagles in bronze ..	30	Bronze figure of Victory after the original of Rauch. Bronze figure of Victory recording her heroes.
FREBEL, L.	Prussia: Berlin	Bronze Newfoundland dog ..	22	Navy bleached and boiled canvas. Improved brown canvas flax warps.
FREEMAN, W. and J.	England: Westminster	Granite obelisk	27	Newfoundland dog in bronze, after the model of Moëler, figure and base cast in one piece and not retouched by the chisel. Bronze figure, with pedestal, representing Hope, after the model of Rauch.
FREEMAN, E. and J.	England: 3 Wigmore-st. ..	Spermacetti candles	29	An obelisk in granite. Sundry large slabs and blocks of stone.
FREY, — Jun.	France: Belleville	Machine for making nails ..	6	Fine transparent wax and spermacetti lights, with plated wicks and other candles and night-lights. Materials in the manufactured state, refined oils.
FREYVOGEL and HUESSLER ..	Switzerland: Bâle	Figured ribbons	13	Machine for nail making on a new system.
FRIEDRICH, J.	Austria: Vienna	Meerschmum pipe-bowls ..	29	Specimens of ribbons.
FENNIEBY, F. R.	England: 63 Cannon-st. ..	Brushes	28	Cigar mouth-pieces of meerschmum and amber, with letters, figures. Brushes for painting and graining.

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FRODSHAM, C.	England: 84 Strand	Chronometers and watches	9 b	Astronomical clock. Marine chronometers. Gold pocket chronometers and lever watches. Double rotary escapement. Day of the month watch. Specimen of gold lever watches with the split-centre second's-hand movement. Railway watches. Portable chime and other clocks.
FROLEY, A.	France: Besançon	Fine files	21	Various files made of French cast-steel, some cut by hand, others by machinery.
FROST, J.	England: Macclesfield	Improved silk machinery	6	Models of improved self-winding machine and cleaning frame, of a spinning and doubling machine, of a throwing mill, with spindles turned by friction
FAY, J. S. and Sons	England: Bristol	Series of cocoa and other substances used in the preparation of chocolate	3	Trunk of cocoa-tree, and specimens of leaves, flowers, pods, and nuts, from the West Indies, and manufactured cocoa and chocolate.
FAY, J.	England: Godalming	Lisle thread hose, of excellent make, and Segovia goods	20	Lisle thread hose embroidered. Fleecy breast-plates. Segovia shirts and pantaloons. Merino shirts and vests. Cotton pantaloons, drawers and shirts.
FUCHS, J. N. von	Bavaria: Munich	Fresco, exhibited by J. MÜHR	30	Stereochromic picture upon mortar-ground, plastered on wood, a new method for producing indestructible paintings on walls.
FUNK, R. M.	Prussia: Gladbach	Mixed cloths and dresses	15	Samples of Victoria china crêpe and toile du nord, pocket handkerchiefs, diamond cotton, demelin, Germania and sole, cotton and silk, gloria, silk and wool.
FURNESS, W.	England: Liverpool	Machines for tenoning, morticing, planing, and moulding wood	6	Machines for working in wood. Power and foot-morticing machines. Tenoning and planing machines.
FURSTENBURG, Prince	Austria: Bohemia	Stoves, monuments, crucifix	22	Various samples of wrought and stretched iron, round and flat-angle iron, carriage-spring iron, ploughshares, spring-iron, sheet-iron for boilers, wrought lathe-spindles. Several cast-iron stoves and monuments. Colossal crucifix, chains.
FURSTENHOFF, Emma	France: 17 Rue de Choiseul, Paris	Artificial flowers and materials	29	Artificial flowers for the study of botany.
GABAIN, George	Prussia: Berlin	Silks in damask, and brocatelle for furniture	13	Various silk goods. Silk and cotton, silk and gold, and silk and silver goods, of original designs.
GADEMANN, H.	Bavaria: Schweinfurt	Ultramarine	2	Specimens of blue, black, and green ultramarine.
GAGNEAU, Brothers	France: 25 Rue d'Enghien, Paris	Lamps, bronzes, &c.	22	Lamps, bronze. Suspended mechanical lamps, for dining-rooms, and other purposes.
GALLEGO, J.	Spain: Malaga	Guitarra harpa	10	Guitarra harpa.
GALLI, Antonio	Austria: Milan	Statue in marble, Susannah	30	Three statues in marble: Susannah at the bath; Jephtha's daughter, and youth on the sea-shore.
GALLUCHER and Co.	France: Bigny and Forcigneuve	Quality of iron, (known as Manufacture upon the 15 ^e March 1857)	1	{ Bagny, the copper for agriculture, edge-tool making, ironmongery, machine and carriage building. Navy scale-line, staves. Mathematics and survey apparatus in cases
GAIN-CAZALAT	France: 14 Rue Charlot, Paris	Manufactured articles	16	Manufactured articles.

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GAYLE, J. H.	England: 30 Regent-st.	Preserved minis ..	6	Preserved minis. Castles of belled minis, supplied to the Regent's Hotel in 1840, in a perfect state of preservation.
GAMEL, W. ..	Canada: Milton Mills	Blankets ..	12	Horse-blankets, pieces of carpeting, assortment of blankets.
GAMES, — ..	Russia: St. Petersburg ..	Cabinet, ornamented with porcelain ..	26	Cabinet in tulip-wood, ornamented with bronze and porcelain.
GANDILLOT and Co. ..	France: 40 Rue Bellefond, Paris	Iron tubes ..	1	Bronze bedsteads. Hollow iron furniture.
GANNERY, V. ..	France: St. Nicolas, d'Alliermont	Astronomical clock ..	10b	Astronomical castings. Door with lever spring drop to exclude the draught.
GARDNER, M. ..	England: Ashill, Norfolk ..	Chandeliers ..	22	Ornamental castings. Door with lever spring drop to exclude the draught.
GARDNER and BAZLEY ..	England: Manchester ..	Fine yarns ..	11	Case, containing illustrations of the progress of the manufacture of cotton, from the raw material to the finished results, in the coarse and fine departments of the trade.
GARFORTH, W. J. and J. ..	England: Dukinfield, nr. Ash-ton-under-Lyne ..	Steam riveting machine ..	6	Direct action steam riveting machine.
GARNETT, H. T. ..	British Guiana ..	Surch, Cassava ..	4	Arrow-root, starch from the bitter cassava, from Plantation Herstel-lug, River Demerara.
GARRISINI, P. ..	Sardinia: Toirano, Genoa ..	Vino di Arancio ..	8	Samples of orange wine.
GARTON and JARVIS. ..	England: Exeter ..	Stoves ..	22	Improved universal cooking apparatus or range-stove. Exonian cooking apparatus. Hot-house boilers, &c. Model hot-water ap-paratus. Double-action hydraulic cider press.
GASS, S. H. and D. ..	England: 166 Regent-st. ..	Setting of stones ..	23	Silver dessert service of novel character and design, modelled from nature from water plants in Kew Gardens. Centre, pieces, vases, christening cup, with figures. Silvered jewelled dessert set, in Elizabethan style. Brooch, in the style of jewels of the cinque-cento period. Caruncle and diamond bracelet, with portraits of the queen and Prince of Wales, executed in niello. Silver gauntlet niello bracelet and other articles of jewellery. Large vase composed of human hair.
GASSET, J. ..	Austria: Vienna ..	Bronzes ..	22	Venus bathing. Four smaller figures. Model of a fountain. Flower vase, cast in bronze and zinc.
GASTINNE-RENETTE. ..	France: 29 Allée d'Antin, Paris	Sporting guns and arms	8	Guns, carbine, unfinished gun barrels, pistols for practice, in their cases, and small fancy pistols. Model of a machine to load pistols, and serving as a meter.
GAUDET du TRENE. ..	France: 41 Rue Richelieu, Paris	Artificial flower leaves	29	Specimens of manufactured leaves for artificial flowers.
GAUSSEN, ———, FARGETON and Co. ..	France: 2 Place des Victoires, Paris	Variety of shawls and India wool ..	15	Shawls: French cashmires.
GAUTHIER, J. ..	France: 4 Faubourg Montmartre, Paris	Black and coloured var-nish leather ..	16	Lacquered morocco leather of all colours.
GAUVAIN, J. ..	France: 93 Boulevard de Mont-Parnasse, Paris. ..	Pistols, form and execu-tion. Sporting guns, &c. ..	8	Double-barrelled fowling pieces with engravings, and others.
GAYMARD and GEROUET ..	France: 10 Rue Montmorency, Paris	Specimen of ledger-binding	17	Account books for officers, counting-houses, &c., lithographed and r
GEBAUER, C. J. Sen. ..	Prussia: Königsberg ..	Piano-forte ..	10a	Two rosewood piano-fortes.
GELFS, G. ..	Belgium: Schaerbeck ..	A lion in love, in plaster	30	Plaster group: the lion in love, and small marble statue, Cupid.

NAME.

LOCALITY.

ARTICLES REWARDED.

Class.

DESCRIPTION OF ARTICLES EXHIBITED.

GEERTS, C. ..	Belgium : Louvain ..	Carving in oak ..	30	Groups in oak. Model of a pulpit.
GEISS, M. ..	Prussia : Berlin ..	Statues in zinc, Eve, &c., (and special approbation) ..	22	{ Statues cast in zinc: Eve, after Bailly; boy with a swan, after Kalide, two stags, after Rauch; Niobe, after the antique; Hebe, after Canova.
GEISLER, C. S. ..	Prussia : G6rlitz ..	Woollen cloths ..	12	Woollen cloths, of various colours, dyed in the wool, manufactured out of Silesian wools.
GEISMAR, L. and Co. ..	Nassau : Weisbaden ..	Carving in ivory and bone ..	28	Gun-press, overlaid with stag-horn, the ornaments in ivory, 7 feet high, 4 feet broad, and 1½ feet deep. Cup in ivory 1½ feet high, 6 inches diameter, Christ blessing the children. Brooches in ivory, of various designs, Bracelets in ivory, of seven links, representing figures of game. Porte-monnaie, paper-knives, letter-case, and letter-weights.
GELLE, — Sen. and Co. ..	France : 35 Rue des Vieux Augustins, Paris ..	Toilet soaps made by the cold process ..	29	Perfumery, toilet soaps.
GEMUNDER, G. ..	America : Boston ..	Joseph Guarnerius violin (chiefly), and three other violins, and a viola ..	10a	Violins.
GERENTE, A. ..	France : 13 Quai d'Anjore, Paris ..	Stained glass ..	30	Stained glass.
GERISH, F. W. ..	England : East-road, City-road ..	Locks and hinges ..	22	Safety and other locks. A simple and cheap spring hinge.
GERONA, the Province of ..	Spain ..	Cork, in sheets ..	28	Cork, in sheets.
GERVAIS, — ..	France : 7 Rue des Fossés-St. Jacques, Paris ..	Copper boiler, with grate ..	22	Copper boiler, with copper grate.
GEYERS and SCHMIDT ..	Prussia : G6rlitz ..	Woollen cloth ..	12	Black and coloured broad cloths. Ladies' cloths, black and blue.
GEYER, J. ..	Austria : Pesth ..	National cloak made from lamb-skins ..	16	Broad buckskin.
GIBBINS and Sons ..	England : Sheffield ..	Scissors ..	21	Hungarian sheep-skin Bund: A pair of scissors, 19 inches long, produced as a specimen of workmanship. A pair of scissors in a forged state. Assortment of nail-nippers, champagne nippers, pruning shears. Sets of scissors, assorted sizes.
GIBBONS, J. Sen. ..	England : Wolverhampton ..	Locks ..	22	Improved locks for drawers, doors, park-gates.
GIBBONS, D. and W. ..	England : City Soap Works ..	Common and toilet soaps ..	29	Perfumed exhibition, and inlaid camo soaps. Naples shaving tablets, Naples and inlaid tablets. Samples of soft soaps for medical and manufacturing purposes.
GIBELIN and Son ..	France : La Salle ..	Silk ..	4	Specimens of raw silk, white and yellow.
GIBSON, M. ..	England : Newcastle ..	Clod-crusher ..	9	Northumberland clod-crusher for wet land, &c., also used on young wheat for the wire-worm, and for making drills for clover and other seeds.
GIERANTH, Brothers ..	Bavaria : Hockheim ..	Iron and steel ..	1	Iron forges and railways. Rolled and wrought-iron, rasping-plate iron, and iron wire. Various kinds of steel, knives, &c., and silver articles.
GILBERT, R. D. ..	Spain : Madrid ..	The Royal Arms worked with coloured silks ..	10	Seal of the Royal arms of Spain in silk, gold and silver. Baby-knives made for the late Prince of Asturias.
GILBERT and GIBSON ..	America : Boston ..	Photographs ..	12	Various photographs.

NAME

LOCALITY.

ARTICLES REWARDED.

DESCRIPTION OF ARTICLES EXHIBITED.

GUTH, J. H.	France: 28 Rue Paradis, Paris. n. r. Paris	Porcelain	24	Caskets, vases, dragons, decanters, and various other articles in white and coloured porcelain.
GILLOTT, J.	England: Birmingham ..	Metallic pens	22	Specimens of metallic pens.
GILL, J. L.	Belgium: Antwerp	Hamper	4	Samples of raw hemp, grown in 1853.
GILLON and Co.	England: 176 Oxford-st. ..	Writing table	23	Side-board. Wine-cooler. Alabaster chifferoniere. Walnut tables. Library chair. Walnut sofa. English yew cabinet secretaire.
GINDRE, L. and Co.	France: Lyons	White and coloured satins ..	13	Marqueterie sofa table. Table, English yew cabinet secretaire.
GIROUD, Nephew and Co.	France: Lyons	Black and coloured velvets ..	13	sculpture, figures, &c. Mosaic Gothic style picture frame.
GIROUD (de l'Aln) le General	France: Clermont près Gex, Ain ..	Wool	4	Plain silk. Satin of various dyes.
GUERIN, P.	Tuscany: Siena	Carved frame	26	Silk velvet of various shades.
GLASSER, J. S., Junr.	Saxony: Schoenau, nr. Chemnitz ..	Women's cotton gloves	20	Pieces of merino wool, from the flock at Nuz.
GLEN and M'INDOE ..	United Kingdom	Excellent and economy in printing shawls exhibited by Keith, Shoo-bridge & Co.	15	Medallion in walnut wood, carved by the exhibitor.
GLOVER, T.	England: Clerkenwell	Gas-meter	22	Women's cotton gloves and articles of hosiery.
GODDARD, H.	England: Nottingham	Cooking apparatus	22	Printed shawls. [building.
GODFREY, L.	France: Puteaux	Fancy fabrics printed in steam colours for dresses ..	18	Meters, and the large gas-meter for measuring the gas supplied to the Cooking apparatus, for culinary and other purposes.
GODFREY and COOKE	England: 31 Southampton-st., & 30 Conduit-st.	Pharmaceutical products ..	2	Printed tissues, square shawls, dresses.
GODFREY, Messrs.	India: Glazepore	Oil of roses	4	Carmine. Lake. Bismuth oxide. Ammonia. Oil of amber. Salt
GODFREY, C. Sen.	France: 63 Rue Montmartre, Paris ..	Flutes	10a	of amber. Artificial musk. Watchmaker's oil. Essence of ambergris.
GODIN, F. L. and Sons	Belgium: Huy	Great variety of printing, writing, and drawing papers	17	Oil of roses, rose-water.
GOLAY-LEBOUCHE, A.	Switzerland	Enamels	23	Wood and silver flutes.
GOLDENBERG, G. and Co.	France: Zornhoff près Saverne ..	Saws and tools	8	Collection of paper for drawing, registers, writing, letter paper.
GOMES, J. L.	Portugal	Dried figs	21	Pocket chronometer with repeater and thermometer.
GOMPERTZ, B.	Hamburg	Hair, embroidered pictures of the Queen and the Prince of Wales, &c. of the Prince of Wales, &c. Cigars of Havannah (Rémas) Ships' stoves	19	Hardware, and edge-tools.
GONZALEZ-ALBERCA, Buenaventura.	Spain: Havannah	Needles and pins	8	Dried figs.
GOODBEHERE, G. T.	England: 9 Wellclose-square ..	Analytical model in ivory ..	22	{ Hair-embroidered pictures of the Queen and the Prince of Wales, and of the Hamburg Exchange.
GOODMAN, G.	England: Birmingham	Woolen cloths for exportation ..	10c	Various kinds of cigars.
GORDON, J.	United Kingdom	Small turret clock	12	Improved ships' hearth, to cook for fifty men.
GOTT and Sons	England: Leeds		10b	Fine-pointed pins, black, purple, and dress. Brass pins, and needles.
GOURDIN, J.	France: Mayet			Analytical model in ivory.
				{ Woolen cloths for the home trade, and for the American, China, and Russian markets.
				A clock, striking the quarters.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	
GOUTCHKOFF, E. and J.	Russia: Moscow	Woollen cloths, worsted and organzine silk warp fabrics, and cashmere-de-laines	12	Cashmere and mousseline-de-laine. Table covers. Poplin.
GOWANS, J.	Scotland: Edinburgh	Carved sandstone	27	Group and statue in freestone. Stone from Redball and Binny quarries. Binny bitumen candles, &c. Model and drawing of steam cranes. Drawing of boring machine, capable of boring holes to the depth of 40 or 50 feet. from 3 to 6 inches in diameter, and used in conjunction with galvanic battery, for cutting the large masses of rocks in the quarry.
GOWING, T. W.	England: 1 Stucley Terrace, Camden Town	Veterinary instruments	10c	Collection of veterinary instruments.
GOWLAND, J.	England: 52 London Wall	Clock escapement	10b	Free pendulum regulator, tourbillon remontoir chronometer, anemometer, electric clock watches.
GRAFE and NEULANDT	Prussia: Elberfeld	Vestings of cotton warp	15	Various specimens of waistcoating.
GRAHAM and HALLETT	South Australia	Specimens of copper from the mines of Burra Burra	1	Red oxide of copper. Green carbonate of copper. Red oxide and carbonate combined. Red oxide and blue carbonate. Strata in which the minerals occur. Native copper. Malachite and red oxide of copper. Fibrous malachite. Cabinet specimens, arranged. Views of Burra Burra mine and smelting house, and of the township.
GRAHAM and Sons	England: 31 Spital-square	Black moiré satins & velvets	13	Velvet, satin, and watered silks.
GRAHAM, John	United Kingdom	Embroidered crape-shawls, from China	15	Embroidered crape shawls from China.
GRANDJEAN, H.	Switzerland: Locle, Canton of Neuchâtel	Pocket chronometers	10b	Pocket chronometers. Gold hunting and other watches.
GRANDJEAN, P. H.	Switzerland: Chaux-de-fonds	Engraved gold	23	Engraving on gold, applicable for watches, jewellery.
GRANT, J. H.	America: Virginia	Cavendish tobacco	3	Specimens of tobacco.
GRASSOT and Co.	France: Lyons	Damasks	14	White damask thread table-napkins, or cloths. Complete table-services.
GRATZ, Steiermark Silk-worm breeding Association of	Austria: Gratz	Silk-worms, breed of	4	Styrian raw silk: illustration of the treatment of the silk-worms.
GRAY and Sons	England: Uddington	Cart	9	Farm cart; ploughs, Subsoil pulverizer. Drill grubber. Parallel horse-hoe. Canadian chaff-cutter. Scotch thrashing-machine.
GRAY, J. and Son	Scotland: Edinburgh	Locks	22	New radiating and reflecting stove grate, with flue passing up the back of the concave front, and thus transmitting a large amount of heat into the apartment.
GRAY and Son	England: Birmingham	Fire-irons, &c.	22	Polished steel fire-irons and standards. Coal-vase, tongs.
GRAY, T. W.	England: 70 King William-st.	Brass-work, various	22	Cabin-window apparatus. Bull's eyes.
GRAY, S.	England: Calverley near Leeds	Woollen cloths	12	Woollen cloths; drab and blue prunell livery-cloth. Russian green prunell habit-cloth.
GREASLEY and HORROCK	England: Nottingham	Jacquard shawl, &c.	19	Lace articles. Jacquard pusher silk shawl. Figured needle-work, shawls, table.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBED.
GREAT WESTERN Railway Co.	England : Swindon	Passenger engine	5	(Locomotive engine and tender, constructed at the Company's works at Swindon. One of the ordinary class of engines constructed by this Company for passenger-traffic, since 1847. [It is capable of taking a passenger-train, of 130 tons, at an average speed of 60 miles per hour, upon easy gradients. The evaporation of the boiler, when in full work, is equal to 1,000 horse-power, of 33,000 lbs. per horse—the effective power as measured by a dynamometer is equal to 743 horse-power. The weight of the engine, empty, is 31 tons; coke and water, 4 tons; engine, in working order, 35 tons. Tender, empty, 9 tons; water, 1,000 gallons, 7 tons 3 cwt.; coke, 1 ton 10 cwt.;—total, 17 tons 13 cwt. The heating surfaces are,—fire-box, 156 feet; 305 tubes, 1,750 feet. Diameter of cylinder, 18 inches; length of stroke, 24 inches. Diameter of driving-wheel, 8 feet. Maximum pressure of steam, 120 lbs. The actual consumption of fuel in practice, with an average load of 90 tons, and an average speed of 30 miles, including stoppages, has averaged 20·8 lbs. of coke per mile.]
GREAVES, J. W.	Wales: Carnarvon	Specimens of slates, &c., from Festiniog	1	Slabs and slates from the quarry at Festiniog, with tools used in manufacturing the same. Blue lias lime
GREEN, MESSRS.	England : Blackwall	Specimen model of a merchant-vessel, designed and built by them for the East India trade	8	Model of the Owen Glendower, East Indian, built at Blackwall.
GREEN, S. and Co.	England : Lambeth	Chemical ware	25	Chemical stone-ware apparatus. Salt-glazed stone-ware. Imp stone-ware, glazed inside and outside, without salt or lead being in the composition of the glaze. Stone-ware drainage requisites. Vitreous stone-ware pumps.
GREEN, T.	England : Leeds	Aviary	22	Wire aviary, and ornamental seat.
GREEN, J. G.	England : 19 St. James-st.	Engraving on glass, and form	24	Samples of services of glass, engraved in Greek style. Large Etruscan shape jugs. Pole fire-screen, with glass screen and pedestal, gilt, &c. Or-molu and silvered glass chandelier.
GREENBER, W.	England : Birmingham	Guns—barrels perfectly forged & finished. Harpoon guns, for whale fishery, and for saving life from shipwreck	8	{ Double guns and rifles; harpoon guns; rocket gun and lines, for use in shipwrecks; stanchion gun, for wild-fowl shooting; military musket and rifle. Laminated steel.
GREENING and Sons.	England : Warrington	Strong wire-cloth, wove by steam-power	22	Extra strong wire cloth, wove by steam-power.
GREGORY, CURRIE and Co.	England : 15 Aldermanbury	Straw-hats and bonnets	20	Specimens of straw, chip, and horse-hair manufactures in the various stages. Flag grass from Cuba; hats from the same, called Brazilian hats. An epergne composed entirely of shells, forming cornucopias filled with flowers, in great variety of colour and beauty; the whole of the shells were gathered from the shores of the Bahamas. Large vase, with group of flowers, composed entirely of pure white shells. Figure in fancy costume of shell-work.
GREG, MISSES	Bahamas : Nassau	Cornucopia, &c., of shells	28	

DESCRIPTION OF ARTICLES EXHIBITED.

GREY, the Countess	..	Mauritius	Basket & wreath of flowers	23	Basket and wreath of flowers from the Sechelles Islands, made from the leaves of the palm of the Sechelles. A nest of baskets.
GAFFIN, J. J. and Co.	..	England : 53 Baker-st.	Chemical apparatus	10	Graduated glass instruments, for chemical testing in the arts ; decimal weights and measures ; hydrometers ; ammonia-meter, or hydrometer for liquid ammonia ; small chemical apparatus.
GRAFFITHS, T. and F.	..	England : Birmingham	Tin and enamel ware	22	Tin goods and block-tin ware. Cooking utensils coated with glass. Iron stampings, of various shapes.
GRIGNON, M.	..	France : Rue d'Orleans, Paris	Bronzes, etc.	22	Bronze clocks, candelabras, statuettes.
GRILLER, — Sen. and Co.	..	France : Lyons	Two long shawls of elaborate design	15	Long white and black cashmere shawls.
GROGER, F.	..	Austria : Vienna	Ebony cabinet inlaid with marble etc., & ornamented with carved figures	26	{ Cabinet of ebony, with ornaments of stone mosaic. Work-box, with malachite and ivory ornaments.
GROOM, J. J.	..	United Kingdom	Specimens of deep-sea fishing lines and hooks	8	Specimens of deep-sea fishing-lines and hooks.
GROPIUS, P.	..	Prussia : Berlin	Carton-pierre figures, &c.	26	{ A wall ornament, consisting of figures upon brackets, looking-glasses, medallions, and sundry other articles, in carton-pierre, with marble plate.
GROS, AVIER, ROMAN and Co.	..	France : Wesserling	Printed muslins and jaconets ; also mousseline-de-laines, all wool	18	Cotton and woollen goods, bleached and printed with cylinder.
GROS-CLAUDE, C. H.	..	Switzerland : Fleurier, Canton of Neuchâtel	Two watches	10b	Two open-faced watches.
GROSE, H.	..	Grenada	Nutmegs	3	Tapioa and nutmegs, first imported into this island, by Mr. Kennedy, in 1827.
GROSHOFF, George	..	Austria : Vienna	Strong boots and shoes	20	Travelling-trunks, hunting-pouches, and carpet-bags.
GROSSMAN and WAGNER	..	France : 11 Rue de Renard St. Sauveur, Paris	Articles in india-rubber	28	Surgical instruments. Bandages and articles in caoutchouc.
GROSSMAN, C. G.	..	Saxony : Bischofswerda	Woollen cloths	12	Superfine cloth—black, clare bronze, olive, dark bronze, dark green, clare green, and blue.
GROSSMITH, W. R.	..	England : 175 Fleet-st.	Artificial eyes	10c	Artificial legs ; artificial eyes ; spring braces.
GROSSMITH, J.	..	England : 39 Friday-st.	Artificial essences and perfumery	29	{ Summer and other fancy soaps ; pomades, essences, perfumery, and essential oils.
GROSVENOR, W. and Co.	..	England : Kidderminster	Furniture silks	13	Silk brocade, brocatelle, and figured satinet damasks for upholstery.
GRUOCK, COPESTAKE, Moor and Co.	..	England : 5 Bow-churchyard	Honiton guipure half-shawl	19	Lace from Honiton and Buckinghamshire ; embroidered muslins, cotton-lace, net, needle-work.
GROULT and Co.	..	France : 7 & 9 Rue Frépillon, Paris	Copper tubes, &c.	1	Various kinds of copper-tubes.
GROUT and Co.	..	England : Foster-lane	Black crapes, crêpe aéro-phane, crêpe liase, &c.	13	{ Folded and rolled black crape, aérophane crape, liase gauze, gossamer, crêpe liase, silk gauze grenadine, muslin scarfs, and broadened silk
GRUBER, F.	..	Saxony : Kleinwelken, nr. Bautzen	A bell, very fine tone	22	A bell of brass, 884 kilograms weight, with iron clapper and tackle.
GRUBER, F. W.	..	Saxony : Kleinwelken	Muslins	12	Woollen stuffs, dyed by the sun.
GRUBER, F. W. and Co.	..	Prussia : Breslau	Various articles	12	Various articles, dyed by the sun.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES PAINTED.
GUERRE, — Sen. .. GUEST and CHÉMES	France : Langres .. England : Birmingham ..	Cutlery Water-closet and fire cocks ..	21 22	Samples of cutlery, Tubular water-closet. Hydrant, or fire-cock, for extinguishing fires, and for street-cleansing. High-pressure bib, ball-stop, and double valve-cock.
GUIHÉRY, DESLANDELLES & Co. GUILLOT, J. and Co. ..	France : Nantes Sardinia : Turin & Genoa ..	Preserved meat & vegetables Plain velvets, figured vel- vets, imitation of white lace on velvet ground ..	3 13	Pies, sardines, peas, and various other preserved meats. { Silk plush, for hats. Piece of velvet, lace-drawing. Velvet for tapestry. Set of poulards for robes.
GUILLOT, J. A. GUINON, A. F.	France : 17 Rue de Bouloy, Paris France : Lyons	Boot fronts of various kinds Stein-dyed silk, bleaching silk, and the application of pyroque acid	16 18	{ Shoes, &c., and tanned leather. { Chromatic picture and circle. Specimens of silk and woollen stuffs, dyed in various colours.
GUXART, J. GÜBERRIEZ DE LEON, R. .. G'WALOR, H. H. the Maharaja Gysi, F.	Spain : Seville Spain : Malaga India : Switzerland : Aaran, Canton of Argovie	Corks and bungs Three terra-cotta figures Fixed oil Drawing instruments .. Woollen cloths Furniture damasks and woollen velvets	28 29 30 10 12 12 28	Corks and bungs. Three terra-cotta figures. Fixed oils from various regions of India. Case of mathematical instruments. White cloth, white cassimere for court waistcoats, white satin for court dress, satins, and doekings. Silks and half-silks, damasks, furnitures, and lampas.
HAAAS, L. F. and SONS HAAS, P. and SONS ..	Prussia : Borette Austria : Vienna	Straw plaitings Bookbinding, porte-mon- naies, and other leather goods	17 17	Straw plaitings, hats, bonnets, baskets, bands, fringes, tassels. Fancy articles of leather, portfolios, cassetts, pockets, ladies' and gentlemen's companions, travelling medicine-chests, cigar-boxes, porte-monnaies, lucifer match-boxes. Ladies' toilet table with ivory ornaments. Painter's easel.
HABENICHT, A. HABERLAND, G. A. HADDAN, J. C.	As above Prussia : Finsterwalde England : 29 Bloomsbury-square	Ivory combs Woollen cloths Papier maché carriage ..	28 12 5	As above. Black cloth. Railway carriage with paper-maché panels. Railway wheels with wrought-iron nave.
HADDEN, Capt. W. C. HADROT, L. Jun. HADWEN and Son.	Van Dieman's Land France : 37 Faubourg St. Mar- tin, Paris England : Halifax	Woods Moderator lamps Spun silk-yarn	4 22 13	Muskwood of Van Dieman's Land. Moderator lamp, called Hadrot. Specimens of raw material, waste-silk, in the dressed state and carded, the same in the stubbing and thick roving, and in the fine rovings. Single and double spun silk-yarns.
HAGEN, A. von	Prussia : Erfurt	Cabinet	26	Writing chiffonnière, of nut-tree wood, in the renaissance style, orna- mented with curving and marqueterie work of silver, copper, brass, ivory, and mother-of-pearl. Fancy penknives, with corkscrews, silver pencils.
HAGUE, S. HAGES, COOK, and WORMALD	England : Sheffield England : Leeds	Pen-knives Blankets for various mar- kets ; also, travelling rugs, including award for Spanish stripes ..	21 12	{ Spanish stripe, and drab beaver cloths, white, coloured, and horse- Blankets.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
HAINELL and ELLIS ..	England : Manchester ..	Sulphate of copper ..	2	Specimens of sulphate of copper, nitrate of lead, &c. Sulphur:
HAIGHT, Mrs. W. ..	America : New York ..	Shirt ..	20	Orchella weed.
HAINDL, A. ..	Austria : Stadt Steyer ..	Cutlery ..	21	Embroidered shirt. Stitched shirt.
HAILE, J. ..	England : Walsall ..	Curb-chains ..	22	Knives and forks of different kinds.
HALLMARKE, ALDEBERT, and HALLMARKE ..	England : 57 and 58 Long Acre ..	Green barouche, a very good carriage ..	5a	Spring curb hooks, for bridle bits. Steel spring swivels. Polished- steel pole and trace-chains for pair-horse carriage. Buckles. Fancy chain dog-collars.
HALLER, Mrs. J. & Son-in-Law ..	Austria : Vienna ..	Toys ..	29	{ Underspring step-piece barouche. New park-phæton. Drawings of a state carriage. Demi-state carriage. State railway carriage.
HALLER, J. C. ..	Prussia : Halle ..	Wheat starch ..	4	Specimens of wheat starch produced by machinery, and by chemical processes.
HALLER, R. and Sons ..	South Australia ..	Wheat (white soft) ; wheat flour ..	3	White soft wheat and wheat flour.
HANANN, A. ..	Prussia : Berlin ..	Turning lathe ..	6	Turning lathe.
HANANN, E. F. ..	France : 43 Quai des Augustins, Paris ..	Planometer ..	10	Calculating planometer.
HAMMOND, TURNER and Sons ..	England : Birmingham ..	Buttons ..	22	Various naval, military, sporting, and club buttons, gilt, plated, bronzed.
HAMMOND, W. P. and Co. ..	Labuan ..	Sugar from Siam ..	3	Specimens of sugar, coffee, pearl and common sago, sago flour, white and black pepper, nutmeg, mace, cloves, gambier, cutch, gum gam- boge, benjamin and lac, rice, tortoise-shell, turtle-shell, mother-of- pearl shells, elephants' teeth and grinder, gutta percha, gum enout- chouc or India-rubber, gum damma, isinglass, manufactured in the Archipelago, from the interior membranes of fish, and valued on account of its highly glutinous character.
HAMMOND, W. P. and Co. ..	India ..	Collection of Siam produce ..	4	Collection of Siam produce.
HAMON, — ..	France : Sevrès ..	Enamelled casket ..	30	Enamelled casket.
HAMPTON, W. ..	America : Charleston ..	Cotton ..	4	Sample of Upland cotton.
HANCOCK, C. ..	England : 48 Milner-sq., Islington ..	Articles in gutta percha ..	25	Gutta percha tubes, picture-frames, machinery belts, &c.; and metallo- thionised gutta percha.
HANCOCK, J. ..	United Kingdom ..	Taxidermy ..	29	Collection of stuffed birds and animals.
HANDSIDE, A. ..	England : Derby ..	Cast-iron fountain ..	22	Cast-iron fountain. Vases, copied from the Warwick and Medici vases. Bacchanalian and other vases, from the antique.
HANHART, M. and N. ..	England : 64 Charlotte-st. ..	Chromo-lithography ..	30	Chromo-lithography, in graduated tints.
HANUQU, P. J. ..	Belgium : Mechlin ..	The Liturgies in red and black, especially worthy of notice ..	17	Books of Roman Liturgy, printed in red and black.
HANNAN, A. ..	Scotland : Glasgow ..	Augers ..	21	Thompson's augers, braces, bits, claw and clench-hammers, scollops for boring wood.
HANSON, J. ..	England : Huddersfield ..	Manufactured lead ..	22	Specimens of manufactured lead.
HANSEN, F. E. Count Von ..	Austria : Neuweitz, Bohemia ..	Glass-ware ..	24	Glass-ware, including jugs, ingons, wine-bottles, goblets, cups. Large Brockhausen, glass, &c.
HANSEN, E. ..	France : 15 Rue de Choiseul, Paris ..	Flowers in carbonate ..	20	

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
HARDING, PULLEIN, & JOHNSON	England; Guildhall Chambers	Machinery for making printing type	7	Machines for making printing-type from copper, zinc, or other metal.
HARDING-COCKER	France : Lille	Heckles	7	Model of a machine for combing flax, wool and silk. Machine for combing wool, articles used in spinning flax, wool and silk, such as gills, cylindrical combs.
HARDING, T.	England : 108 Regent-st. ..	Buttons	22	Vest buttons in lapis lazuli, malachite, coral, onyx cornelian, &c., for gentlemen. Fancy pearl and other dress buttons for ladies.
HARDMAN and LUFFE	England : Birmingham ..	Buttons	22	Buttons, medals, hooks and eyes.
HARDMAN, J. and Co.	England : Birmingham ..	Painted glass window ..	30	Silver metal gilt, parcel gilt, and brass vessels used in churches. enamelled, set with stones, plated, pierced, and engraved. Casket of jewellery, girdles, brooches, crosses, ear-rings, &c. Painted glass windows. Embroidered robes, hoods, capes, girdles.
HARDMUTH, L. and Co.	Austria : Vienna	Pencils	17	Black lead and red-chalk pencils of various kinds.
HARDY, A.	Algeria ; Hamma	Cottons	4	Jumel, Louisiana, New York, Georgia long silk, Meccodonia and nankeen cottons of 1849, and 50. Cochineal, opium, dry rice, oleaginous seeds. Varieties of maize. Eight and six months growth bamboo shoots.
HARDY, T.	England : Sheffield	Dressing-case instruments ..	21	Stilettes, crochet-needles, button-hooks, nail-files, cork-screws, tweezers, boot-hooks.
HARGREAVE and NUSSEYS. ..	England : Leeds	Woollen cloth, from new materials	12	Royal chameleon, elastic transparent cloth. Vicuna fur with woollen back ; dyed black cloth from colonial wool.
HARLEY, G.	England : Wolverhampton ..	Locks	22	Detector locks.
HARO, E. F.	France : 18 Rue des Petits Augustins, Paris	Essential oils, &c.	4	Canvas for historical painting, colours, varnish, new process for restoring pictures.
HARO, E. F.	As above	Canvas for historical paintings	14	As above.
HARRIS, R. and Sons	England : Leicester	Examples of hosiery	20	Gloves, cuffs, and gaiters. Caps, hoods, hats, and bonnets. Mantillas and mufls. Worsted vests. Lambs'-wool pantaloons. Fancy cotton shirts. Children's dresses. Polkas and jackets.
HARRIS, R. and Son	England : Birmingham ..	Cut glass	24	Tressed and moulded glass tumblers, goblets, wine glasses, sugar-basins, butter-coolers, door-knobs, &c. Specimens of articles in flint glass, cut and engraved. Ornamental glass of various colours. Specimens of colours combined by casing or coating. Specimens of threaded or Venetian glass.
HARRIS, Lord	Trinidad	Produce of Trinidad	4	Produce of Trinidad.
HARRISON, R. and J.	England : Hull	Collection of woods	4	Variety of British and foreign woods.
HARROP, TAYLOR, & PEARSON ..	England : Manchester ..	Assortment of black and shot-plan silks	13	Gros-de-Naples. Black edged ducape, velour. Glacé silks. Gros d'Ecosse.
HART and Sons	England : 83 54 and 55 Wych-st.	Door-plates	22	Door knobs and finger-plates, in brass, china, glass, &c. Dr. Arnott's ventilating chimney-valves, improved.
HARTLEY, J. and Co.	England : Sunderland ..	Rolled-plate for roofs	24	Rough plate. Glass for ridge and furrow roofing. Models &c. illustrating the manufacture of crown and sheet glass. Specimen windows of rolled coloured glass. Specimens of stained glass borders. Glass for horticultural, dairy, and railway purposes.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
HARTMANN and Sons	France : Munster..	Figured cottons	11	Spun cottons ; white calices ; cambric muslins ; jaconet muslins ; and printed woollen and cotton fabrics.
HARTMANN and Sons	As above	Fabrics printed in madder colours	18	As above.
HARTMANN, L.	Austria : Vienna ..	Meerschaum pipe bowls ; sticks, and umbrella handles	29	Various kinds of walking-sticks of wood, cane, &c. Stick-mountings. Tobacco-pipe-tubes. Cigar holders of wood, amber, meerschaum, horn. Pipe mouth-pieces. Tobacco-pipe bowls of meerschaum. Turkish clay-pipes. Assortment of cut canes. Tobacco-pipe of ivory. Cup of stag-horn. Large piece of amber.
HASLAM, W...	England : Derby ..	Wrought iron hinges, &c.	22	Specimen of hammered iron church-door hinges, with branches of scroll-work after the old English style.
HASSAN, —	Turkey	Scissors	21	Scissors.
HASSE's, (G.) Sons ..	Austria : Prague ..	General excellence of their types and printing ..	17	Types of various kinds. Specimens of typography, including a variety in gold, silver, and colours. A missale Romanum.
HATFIELD, J. A. ..	England	Statue in bronze	22	Bronze figure, youth at the stream, after Foley.
HAUSEN and Son ..	Wurtemberg : Stuttgart ..	Scythes	21	Scythes used in various countries.
HAUER, J. ..	America : Philadelphia ..	Toilet soaps	29	Perfumery and fancy soaps.
HAULICK, G. F. ..	Zollverein : Hanau ..	Flower, in stones	23	Flower, in brilliants and rubies, with leaves of emerald and enamel, in a vase of gold and enamel. The flower can be detached and used as a brooch or hair-pin.
HAUSSENS-HAP, B. ..	Belgium : Vilvorde ..	Horse-hair, and aloë-fibre stuffing for furniture ..	16	Horse-hair and aloë-fibre stuffing for furniture. Aloë-fibre stuffs, both sides alike. Table-cloths and napkins, &c. Samples of pigs' bristles, prepared and bleached for painting brushes.
HAWCROFT and Sons	England : Sheffield ..	Razors	21	Ivory, pearl, and tortoise-shell razors. Articles illustrative of the processes of manufacture.
HAWKER, Col. P. ..	England	Improvements and perfection in punt guns ..	8	Punt guns.
HAWKINS, J... ..	England : Birmingham ..	Brass, copper and iron screws and bolts	22	Screws in iron, brass, and copper ; railway, coach, grate, machine screws and bolts.
HAWTHORN, R. and W.	England : Newcastle-upon-Tyne ..	Locomotive passenger engine	5	First-class passenger locomotive engine.
HAYBALL, Arthur ..	England : Sheffield ..	Cabinet	26	Cabinet carved in walnut.
HAYDAY, James ..	England : 31 Little Queen-st.	Bookbinding	17	Specimens of bookbinding, in gold paper, morocco, and cloth, with metal ornaments.
HAYDEN, W... ..	America : Connecticut ..	Drawing regulator for cotton	6	Drawing frame for cotton, with an improvement for regulating the weight of the strand, called a drawing regulator.
HAYWARD RUBBER COMPANY	America : Connecticut ..	India-rubber shoes	22	Specimens of India-rubber boots and shoes.
HAYWOOD and Son ..	England : Clerkenwell ..	Locks, gliding	22	Locks. Specimens of gilding and engraving applicable to fancy brass foundry.
HAYWOOD, H. R. ..	England : Burslem ..	Tiles and other articles, manufactured in metal-lic clay	27	Superior metallic clay, from mines at Brownhills, near Burslem ; with samples of manufactured ornamental pavements.
HAYWOOD, J... ..	England : Derby ..	Church stove	22	Burnished steel drawing-room stove, with porcelain hearth. Red-acting ball stove, with four-pipe. Church stove.
HEAR and HUGHES	SCOTLAND : ABERDEEN ..	Wholes, white soft	3	Wholes of green, white, and black glass.

HERBERT, F. and Son	France : 13 Rue du Mail, Paris	Shawls woven from Indian wool	15	Long and square pure cashmere shawls, various grounds.
HECKEL and Co.	France : Lyons	Satins in white, black, & colours of all qualities..	13	Plain satin of different tints.
HECKEL, J. A.	Nassau : Biebrich..	Bassoon of new and improved construction ..	10a	Clarionets and bassoon of new and improved construction.
HECKER and Brother	America : New York	Genesee flour ..	3	Twenty boxes of farina, prepared from wheat. Samples of fine and coarse hominy. Samples of flour from wheat grown in the Genesee valley, in the State of New York. Sample of baker's flour, and of wheat. Glass jars containing samples of the grain.
HEDINGER, C.	Wurtemberg : Stuttgart	Walking canes ..	29	Walking-sticks and canes, with engraved hooks and heads of ivory, buffalo, stag-horn, &c. Sticks and canes for umbrellas and parasols. Frames for umbrellas.
HESLEY and Sons	England : Birmingham ..	Chatelaine ..	23	Chiselrines, sword-knives, buttons, snuffers, stirrups, watch-guards, invalid tongs, and other ornamental steel-wares,
HINES, J. H...	England : 46a Liverpool-st.	Hearing apparatus made of gutta percha...	10a	Spring bandages and supports for prolapsus. Belts.
HEYFORD and ELGER	England : Derby ..	Glazed Wellington boots..	20	Boots and shoes, ornamental leather, and satin dress Wellingtons. Top-boots and shoes without a seam.
HEINKE, C. E.	United Kingdom ..	Diving apparatus ..	7	Sub-marine helmet, dress, and other diving apparatus.
HEINTZE and FREUDENBERG	Prussia : Weinheim ..	Black-varnished calf leather	16	Calf-skins, japanned black, and black polished, for boots and shoes.
HEINZEL, Brothers..	Austria : Tetschna on the Elbe	Cudbear and Archil ..	9	Red and violet herb archill. Red and violet extract of archill.
HEJESTRAND, C. V.	Sweden : Elskistuna ..	Razors ..	21	Twenty-eight razors.
HELL, George..	Austria : Vienna ..	Assortment of brocatelles	13	Silk furniture in brocatelle ; lampas ; satin and damasks. Velvet.
HELME, W...	England : Stroud..	Dosskins, casimere, &c..	12	Cashmere waistcoats, dooskins, cashmerette, silk warp, woollen warts.
HELVET, J...	England : Stuttgart	Bassoon with 19 keys of an improved construction	10a	Casimere. Surdimans for waistcoats.
HEMINGWAY, A. and W.	England : Portman-street	Salts of iron ..	2	Bassoon with nineteen keys of improved construction.
HEMING, H.	England : Redditch	Fish-hooks ..	22	Double salts of iron.
HEMSWORTH and LINLEY	England : 39 West Smithfield ..	Boot-fronts and cordovan	16	General assortment of sea and river fish-hooks, Boot-fronts of English and foreign calf-skins. Cordovan from South American horse-hides
HENDRICH, F.	Prussia : Eupen ..	Woollen cloths ..	12	Specimens of fine and superfine cloths.
HENDRIE, R...	England : 12 & 13 Tichborne-st.	Toilet soaps & perfumery..	29	Toilet soap. British perfumes. Perfumed essences. Cosmetics. Improved spirituous acetine, or toilet vinegar. Moelline, a peculiar oleaginous compound.
HENKELS, J. A.	Prussia : Berlin and Solingen ..	Cutlery ..	21	Cutlery manufactured of refined steel, the produce of the smelting works of Siegen.
HENN and BRADLEY	England : Birmingham ..	Taper screws, &c..	22	Taper wood screws in iron, brass, and copper. Iron thread screws. Taper hand-rail screws for pianoforte makers.
HENNEMAN and MALONE	England : 122 Regent-st..	Talbotypes ..	10	Talbotype apparatus of improved design. Talbotype pictures. Talbotype tinted by means of caustic potash and a lead salt. Specimens of Herschel's cyanotype and chrysotype and of Hunt's chromotype pictures.

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HENNING, John	Ireland : Waringstown, Banbridge	Damask table-cloths and cambrics.. .. .	14	{ Samples of handkerchiefs embroidered, &c. Printed linen cambric dresses, and lawns, shirt frontings, satin damasks, napkins. Damask coronation cloth.
HENRY, A. and S. and Co.. ..	England : Leeds	Woollen cloths	12	{ Woollen cloths and cotton warp cloths.
HENSMAN and SON	England : Woburn	Thrashing-machine, four-horse plough, corn-drill	9	{ Four-horse portable steam-engine. Bolting thrashing machine, complete. Eight-row cup drill, with independent steering. Vandyke hand-thrashing machine. Iron ploughs.
HENSON, H. H.	England : Pinner.. ..	Railway goods-wagon	5	{ Improved covered wagon for the conveyance of merchandise by railway, fire and water proof.
HENTIG, —	Labuan	Borneo cotton	4	{ Borneo cotton.
HEPBURN, J. and T.	United Kingdom	An English crop butt	16	{ English crop butt.
HERBERT, F. P., Baron von	Austria : Carinthia	White lead	2	{ White lead of different kinds.
HERIOT, E. T.	America : Charleston	Carolina rice	3	{ Sample of clean rice.
HERMANN, O.	Prussia : Schoenebeck	Glacial phosphoric acid, &c.	2	{ Chemical preparations.
HERMANS, Auguste	France : Crest	Organsine	13	{ Samples of raw and thrown silk.
HERNANDEZ, J.	Spain : Madrid	Wool.. ..	4	{ Black and white wool.
HERRENSCHMIDT, J. F.	France : Strasbourg	Boot-fronts and carried calf superior ruling of account books	16	{ Boot-legs. White and japanned calf-leather. Calf-skins. Sewn straps.
HERLICK, J. K.	America : New York	Salmamander safe	17	{ Assortment of account-books.
HERRING, S. C.	America : New York	Woollen cloths	22	{ Wilder's salamander safe.
HERMANN, W.	Saxony : Leisnig	Microscopic preparations	12	{ Cloths of different qualities.
HETT, A.	England : Southwark	Carriage lamps	10	{ Injected microscopic objects, for displaying the structure of parts and organs, and illustrating the utility of the microscope to physiology and pathology.
HETTINGTON, T. and C.	England : Birmingham.. ..	Tide gauge	22	{ Carriage lamps full silver mounted, engraved, and stained glasses, gilt, enamelled and chased.
HEWITSON, J.	England : Newcastle-upon-Tyne	Varnished calf leather	10	{ Self-acting and self-registering tide-gauge, and tidal indicator.
HEYL, C.	Grand Duchy of Hesse : Worms	Vestings	16	{ Black japanned leather for boots and shoes.
HEYMANN, C. and Co.	Prussia : Crefeld	Two portmantauts	15	{ Assortment of fancy waistcoatings and cravats.
HICKEY and TULL	America : Philadelphia	Tilandasia Unsoides	16	{ Two trunks.
HICKS, George	America	Excellence of light export shoes and boots.. ..	4	{ Samples of New Orleans moss.
HICKSON and Sons	England : 20 West Smithfield	Scissors	20	{ Boots and shoes of various sorts with samples of the articles used in their manufacture.
HIGGINBOTHAM, G. and W.	England : Sheffield	Cotton machinery & long	21	{ Assortment of scissors ornamented and mounted with gold, &c. Fine scissors, forged from refined steel, hardened and tempered upon a peculiar principle. Razors, ivory, tortoise-shell, and mother-o-pearl handles, gold and silver mountings.
HIGGINS and Sons	England : Salford.. ..	Hardware	6	{ Cotton machinery, roving frame, and double self-acting radial mule. Long-line flax machinery. Drawing, roving and spinning frame.
HILTON and Sons	Prussia : Remscheid	Platin and figured silks	22	{ Hardware, tools, and cutlery.
HILL, JAMES, and Co.	England : 30 Spital-square		13	{ Cords and laces for corsets, handkerchiefs, and other uses. Silk velvets. Fitch shot and laces for corsets, handkerchiefs, and other uses. All British &c.

HILL, Joseph	..	England : 5 Chichester-place	..	Saws...	..	21	London-made saws and other tools.
HILLAS, F.	..	England : Lewisham	..	Purified oils	..	4	Purified animal, vegetable, and fish oil.
HILLIARD and CHAPMAN	..	Scotland : Glasgow	..	Cutlery	..	21	Razors of various kinds and strops. Table cutlery, pocket knives, &c. Truss for hernia.
HILLS and UNDERWOOD	..	England : Eastcheap	..	Malt vinegar	..	3	Vinegar manufactured from malt.
HILLS, F. C.	..	England : Deptford	..	Sul-ammoniac	..	2	Nitrate of potass, made by patent process. Sul-ammoniac, and smelling salts, derived from the ammoniacal liquid of gas works.
HINCES, WELLS and Co.	..	England : Birmingham	..	Metallic pens	..	22	Self-acting steam cutting, piercing and raising pen machine. Illustrations of the manufacture of steel-pens and specimens of finished pens.
HINDEMAN, -- Seal	..	France : Cramoisy	..	Cashmere and merino yarns	..	12	Woolen and cashmere yarns and tissues:
HINES, Henry	..	United Kingdom	..	Design of a life-boat; also recommended for the prize of 100 guineas, to be awarded by the Duke of Northumberland	..	8	Model of life-boat.
HIRD, DAWSON and HARDY	..	England : Bradford	..	Quality of iron	..	1	Minerals from the Low Moor Company's mines, near Bradford : Black ironstone, black bed coal. Specimens of Low Moor pig iron, and of wrought-iron tested by tension, &c. Ten-inch gun, of 9 feet 4 inches, weighing 55 cwt. used with hollow shot, shells, grape, and canister shot, mounted on a carriage. 32 pound gun, of six feet, weighing 25 cwt. used with solid shot, shells, grape and canister shot. Sugar cane mill, cylinders or crushing rollers, 24 inches diameter by 48 inches in length. Olive mill. Wilson's ellipograph, for drawing ellipses of any proportion from a straight line to a circle.
HIVES and ATKINSON	..	England : Leeds	..	Mill and spun yarns	..	14	Samples of flax from the Courtrai and Lokeren districts, Belgium. Yellow flax from Trimmingham, Norfolk. Blue flax grown in Yorkshire. Chinese reed and China grass, raw and manufactured.
HJORTH, S.	..	Denmark : Copenhagen	..	Electro-motive power	..	10	Electro-motive power.
HOCH and SONS	..	Prussia : Duren	..	Variety of white & colored writing and tissue papers	..	17	Tissue paper in different colours. Coloured and white post, and other writing paper.
HOCH and BAUMANN	..	Switzerland	..	Lustrings	..	13	Lustrings.
HODGES, T.	..	Ireland : Dublin	..	Bells	..	22	Church, farm, and altar bells. Brass force and lift pumps, and metal pump.
HOEHLER, A. and C.	..	Prussia : Solingen	..	Cutlery	..	21	Composition pipes for liquids or gas. Swords of honour and court-sword. Folis and rapiers. Damask blades in the oriental style, &c. Scissors. Pen and pocket knives. Table-cutlery. Razors, shears, saws, &c. Jewellers' tools.
HOFFMANN, C. W.	..	Prussia : Dantzig	..	Manufactures in Amber	..	29	Sundry articles manufactured from amber; beads of the same, exhibited on account of their beauty and workmanship, and to show the difficulty of joining small pieces : the uniformity of colour very difficult to obtain. The beads sent to show the way in which they are prepared and packed for the trade.
HOFRICHTER, C.	..	Austria : Reichenau	..	Cheap snuff-boxes	..	29	Papier-maché tobacco-boxes; spice and sugar-boxes; sewing-cushions.
HOGAN, J.	..	United Kingdom	..	Drunken Faun in plaster	..	30	A drunken faun.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES EXHIBITED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
HOLDEN, J. and Co..	Ireland : Belfast ..	Muslin insertions & trim- mings	19	{ Sewed book-muslin collar capes. Caps, infants' frock bodies. Cam- brie and book insertion. Sewed cambric flouncings. Linen cambric handkerchiefs, Polka jackets.
HOLDEN, H. A. ..	England : Birmingham ..	Carriage lamps	22	{ Door-handles, carriage-door hinges, mouldings and headings, harness- buckles, &c. Chariot lamps and railway signal lamps.
HOLDFORTH and Son	England : Leeds ..	Spun silk-yarns in all numbers	13	{ Specimens of the article known as silk waste, spun silk yarns, and samples of silk yarn, dyed and finished, spun by the exhibitor's pro- cess.
HOLDSWORTH, J. and Co. .	England : Halifax and Bradford	Damasks and other furni- ture cloths	12	{ Damask table-covers, plain and fancy stuffs.
HOLDSWORTH, W. B. and Co.	England : Leeds ..	Satin-finish linen threads ..	14	{ Linen thread, soft satin-finish, and old finish, linen shoe thread.
HOLLAND, T. & Co. ..	England : Godalming ..	Fleecy hosiery for medical use	20	{ Under-clothing, manufactured of a fleecy, superior, and peculiarly prepared wool. Segovia shirts, trousers, hose, &c. Outer clothing, light and remarkably warm. Shirts.
HOLLAND and Sons ..	England : London ..	Carved bookcase	26	{ Bookcase, founded on the cinque-cento style, composed of British woods and marbles. Console table and glass. Water lily circular table.
HOLLAND, W. ..	England : Warwick ..	Table-tops in imitation of marble	26	{ Specimens of ornamental painting and decorating in various styles, adapted for dining and drawing rooms, libraries, &c. Imitation inlaid woods and marble. Newly invented flocking machine for decorating walls.
HOLLAND, Henry ..	England : Birmingham ..	Hollow metallic frames for umbrellas	29	{ Umbrellas and parasols with metallic frames, illustrations of processes of manufacture.
HOLMES, H. and A. . .	England : Derby ..	Park phaeton, very neatly finished, & in good taste	5a	{ Light park phaeton. Dog-cart, or sporting buggy. Set of buggy harness. Winter shoes for horses. Drawings of modern carriage.
HOLMES and Sons ..	England : Norwich ..	Thrashing machine	9	{ Machine for thrashing, &c. Drilling and sowing machines. Horse- lever rake. Barley aveler. Corn-dressing or winnowing machine. Hand-barrow drill. Turnip and mangelwurzel cutter.
HOLMES, G. L. ..	America : Tennessee ..	Cotton	4	{ Samples of ginned cotton.
HOLTING and HOFFEN	Prussia : Barneue ..	India-rubber braces	28	{ Assortment of India-rubber braces.
HOLTZAPFELL and Co.	England : 64 Charing 127 Long Acre ..	Collection of woods for turning	4	{ Specimens of woods commonly employed in turnery.
HOLTZAPFELL and Co.	As above	Amateur foot-lathe with overhead motion; side rest & eccentric chucks, &c. for ornamental turn- ing, with various appa- ratus and tools ..	6	{ (A spherical lathe for amateur ornamental turning. Eccentric, oval, spherical, geometric, and other chucks. Compound sliding rest. Drilling instrument. Sets of turning tools, &c., in ivory and hard- wood. Specimens of turning by amateurs in ivory and other materi- als. Cammel coals.
HOLTZAPFELL and Co.	As above	Turning in ivory	28	{ As above.
HOMMEL-ESSEB, F. ..	Switzerland : Aarau, Canton of Schaffhausen : Zessendyk	Drawing instruments ..	10	{ Case of mathematical instruments. Pocket compasses.
HOMER, B. C. and F. .	As above	Specimens of instruments &c.	17	{ Specimens of instruments &c.

HOOD, R. V.	Van Diemen's Land; Hobart Town	Woods	4	Timber of silver-wattle, one side polished. Munkwood slabs, one squared and polished. Hackwood slabs squared. Cross section of small tree of Huon pine, one corner smoothed and polished. Huon pine slab, squared and polished. Myrtle-root slab. Myrtle slab from the stem of the tree.
HOOD, S.	England: 81 Upper Thames-st.	Cast-iron enamelled stall and manger	22	Stable stall with a cast and wrought-iron hay-rick, enamelled manger and cistern.
HOOK, JOHN	England: 66 New Bond-st.	Ladies' shoes	20	Ladies' riding boots, dress boots and shoes, costume boots and shoes, slippers, clogs.
HOOPER, C. and Co.	England: Stroud	Fine cloths, and elastic cloth for gloves	12	Cloths, wool-dyed, woollen, piece dyed, &c. Single milled casimere.
HOOPER, G., CARROZ & T. A. BOURIER	France: 6 Rue des Fossés Montmartre, Paris	Plain, figured, and printed silk gauzes, also illusion tulle	13	Elastic trousering and glowing cloth. Neckchiefs and mittens in lace. Shawls, dresses of various patterns, and embroidered and printed novelties.
HOOPER, G.	England: 28 Haymarket	Green Brougham, got up in the neatest manner, all in good taste and well done	5a	{ Improved Brougham carriage. Improved barouche landau. Designs of new and improved forms of carriages. Working model of a Brougham carriage.
HOPKIN and WILLIAMS HOPKINSON, J. and J.	England: 5 New Cavendish-st.	Chemical products	2	Pure tannin. Crystallized chromic acid. Benzoate of ammonia. Biotide of mercury. Pure aconitine, and other chemicals.
HORAN, H.	England: Islington	Horizontal grand piano-forte, with new patent action	10a	Horizontal grand piano-forte with new action. "Boudoir piano-forte, and a rosewood cottage piano-forte.
HORNEY and KEAWEETRY	England: Blackburn	Prepared whalebone	28	Prepared Greenland whalebone of different colours, for covering whip-handles, walking-sticks, and telescopes, with portions of black and white whalebone as cut from the fin.
HORNE, THORNTWHAITE and Wood	England: 123 Newgate-st.	Sizing and dressing machine, and self-acting backing-off motion to a warping machine	6	Sizing or dressing machine, with a peculiar arrangement for laying-out yarn, &c. Model of a warping machine, with a self-acting backing-off motion.
		Good work in photograph apparatus	10	Dissolving views. Transparency of the moon. Electro-galvanic machine, &c., for medical galvanism. Oxy-hydrogen microscope, Daguerreotype and calotype apparatus and chemicals. Agricultural drainage levels, galvanometer.
HORROCKES, MILLER and Co. HORSFALL, J. G. and Co.	England: 9 Broad-st.	Shirtings and long cloths	11	Long cloths and twilled shirtings.
	England: Bradford	Light cloths.	12	Henrietta cloth, silk and worsted.
HORSFALL, H.	England: Birmingham	Pins, and wire for fish-hooks	22	Cobourng cloth, cotton and worsted. Cobourng cloth. Highly-finished steel wire. Annealed wire. Litch and bridge pins. Spun brass strings, &c., for piano-fortes, and other instruments. Steel wire for needles, fish-hooks.
HÖSEL, R. and Co.	Saxony: Chemnitz	Damasks	12	Damasks, woollen, purple, green, crimson. Silk and wool, two and three coloured brown, striped gobelins, and two coloured green. Cotton and woollen, scarlet, light blue, brown, green, crimson, Royal blue, nœmrathe, &c., table-covers.
HOSKEN, R.	England: Penryn	Granite obelisk	27	Granite obelisk and base, 20 feet high, weighing about 15 tons, of Cornish granite, from the quarries at Carnseu, near Penryn.
HOSKING, R.	England: Truro	Treble-beat pump-valve	5	Treble-beat pump-valve.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
HOTCHKISS, H. G. and L. B. HOUGHGANT-CHARDIN ..	America: New York France: 19 Rue de Faubourg St. Honoré, Paris ..	Oil of peppermint.. ..	4	Sample of oil of peppermint.
HOUEY, A. and Co. ..	France: 46 Rue de Fer à Moulin, Paris ..	Gloves { Assortment of black and coloured varnished leather	20	120 pairs of gloves, made of skins matched in colour and quality.
HOULLER-BLANCHARD, H. ..	France: 36 Rue de Cléty, Paris ..	Pair of pistols & apparatus ..	16	Japaned calf-leather for boots and shoes.
HOULDSWORTH, T. and Co. ..	England: Manchester ..	Fine yarns	8	Box of pistols.
HOULDSWORTH, James & Co. ..	England: Manchester ..	Furniture silks	11	Specimens of fine cotton yarn, and of double yarn, or fine cotton lace thread.
HOULDSWORTH, James & Co. ..	England: Manchester ..	Embroidery by machinery ..	13	Rich figured silk fabrics, for furniture. Machine embroideries. Silk banners—one composed of silk grown and manufactured in England.
HOWE, J. and Co. ..	As above	Skain-dyed silk	19	As above.
HOWE, S. G. ..	England: Coventry ..	A system of character ..	18	Specimens of self-colours, dyed from thrown silk. Yellow gum. Specimens of shade-dyeing, &c., said to show permanency of colour.
HOWARD, J. and F. ..	America: Boston ..	(slightly angular in form without capitals) for the blind	17	
HOWARDS and KENT ..	England: Bedford ..	Two-horse .. XX plough, four-horse plough, horse rake	9	Specimens of books for the blind. Iron ploughs. Swing-plough, and double-breast or moulding-plough. Subsoil-plough. Double-furrow plough. Iron harrows. Horse- rakes. Improved double-action corn-mill, horse-power gear-work.
HOWARD, J. ..	England: Stratford, Essex ..	Alkaloids, and other pre- parations.. ..	2	Quinine and cruchonine, with materials and salts. Nectandria, radial, or green-heart bark, and its alkaloid beberine. Camphor, borax, tartaric and citric acid, antimony, silver, bismuth, iron, mercury, magnesia, potassium, iodine, zinc, opium, and their pre- paration.
HOWARTH, J. ..	England: Sheffield ..	Edge tools (engraving) ..	21	Tools for engravers and print-cutters, mariners' compass, needles gunsmiths' stocking tools, turning, and carving, and other tools, tool-chest.
HOWELL, JAMES and Co. ..	England: Regent-st. ..	Gaipure Hointon lace shawl ..	19	Hointon guipure lace-shawl, mantle, and berthe. White silk dress and apron, embroidered with birds and flowers.
HOYLE, T. and Sons ..	England: Manchester ..	Machine-printed calicos ..	18	Printed calicos. Printed cambrics, suitable for children, and large patterns for dresses. Printed muslins. Checked and plain jaconets. Printed mousseline-de-laines and Llamas, both mixed fabrics.
HOYLES, Henry ..	England: Sheffield ..	Side-board	26	Sideboard carved in walnut.
HUBER, J. ..	France: 29 Rue Bergère, Paris ..	Carton-pierre	28	Door in the style of Louis XIV., niche and plaister of a figured frieze in renaissance style, cariatides, medallions, vases, and capitals.
HUBERT, Mme. Josephine ..	France: Mondeville, near Caen ..	Head dresses, &c. ..	19	Flowers, fruits, leaves, lace and guipure, in relief, embossed and raised.
HUGES, — ..	France: 31 Rue Corbeau, Paris ..	Apparatus for grinding & finishing	4	Complete apparatus for grinding elementary substances, entirely in iron and steel.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

HOB, J. B.	..	France : 76 Faubourg St. Mar- tin, Paris	Press for manufacturing hooks and eyes, cutting and bending them at the same time	6	{ Various locks. Machine for cutting and bending at the same time hooks and eyes, made and invented by the exhibitor. Hooks and eyes cut by the said machine.
HOTTER, J.	..	England : Clerkenwell	Locks	22	{ Detector and chest lock, secret action. Locks for desks, trunks, portfolios, drawers, and carpet-bags.
HUTTENLOE, Dr. HUGHES and KIMBER	..	India : Calcutta	Series of leas Copper and steel plates for engravers	4	{ Series of leas. Copper-plate for line engraving, hard and polished steel-plate for me- zotino engraving.
HUGHES, W.	..	England : Manchester	Typography for the blind	10	{ Typo-graphy for the blind, enabling them to express their thoughts upon paper. A similar instrument for embossing or printing in relief.
HUGHES, J. J., Jun. HULL Local Committee	..	France : Grasse England : Hull	Essential oil Hull imports	4	{ Bottles of various essences. Specimens of the staple imported articles of the port of Hull, accom- panied with descriptions and statistical information.
HULMANSDEL and WALTON.	..	England : 51 Great Marlborough-st.	Chromolithography	30	{ Drawing on stone with the stump. Combination of the stump style and lithographic chalk. Lithotint, drawn on the stone with liquid ink and a brush.
HUND, F. and Son	..	England : 21 Ebury-st., Pimlico	Cottage piano-forte in the shape of a lyre, termed the Lyra piano-forte ..	10a	{ The Lyra, a cottage piano-forte in the shape of a lyre, with long scale and a peculiarly constructed platform. The performer or vocalist enabled to face the audience.
HUNTER, Dr.	..	India : Madras	Vegetable fibre	4	{ Vegetable fibre.
HUNTER, Edwin	..	England : Sheffield	Scissors	21	{ Scissors and shears of every variety with specimens of rough steel to the finished article.
HUNYADY VON KETHELEY, Count Joseph	..	Austria : Urmény	Wools	4	{ Sheep-wool in fleeces.
HUTLET & CAMFEE Alum Co.	..	Scotland : Glasgow	Alum and prussiates	2	{ Alum. Red and yellow prussiates of potass.
HURST and Sons	..	England : Nottingham	Excellence of home and export hosiery goods ..	20	{ Brown and white, plain, open work and embossed cotton hose and half hose, cotton and spun silk drawers and vests.
HURWOOD, G.	..	England : Ipswich	Meal-mill	9	{ Various metal mills for grinding corn, pulse, spices, &c. Plate showing grinding surface of a mill. Stone case, with apparatus for supplying air to the grinding surfaces of mill-stones.
HUSKISSON, J. W. and H.	..	England : 77 Swinton-st.	Chemical products	2	{ Chemical preparations of soda, iodine, mercury, potass, lead, citric and tartaric acids, iron and zinc.
HUTCHINSON and Co.	..	England	Vegetable fibres	4	{ Samples of the ordinary flax and hemp of commerce, French, Flemish, Dutch, Friesland, Archangel, Riga, English, Egyptian, and New Zealand flax. St. Petersburg, Riga, American, Egyptian, India, Manilla, Italian hemp and jute.
HUTCHINSON, Dr. HUTH and Co.	..	England Prussia : Hagen	Spirometer Steel	10c 1	{ Three spirometers of different constructions. Samples of steel-ore and hardwares, including cast steel files, car- penters' tools, various vices and anvils.
HUTTON and NEWTON	..	England : Sheffield	Scythes and reaping-hooks	21	{ Crown hay and straw knives. Scythes, reaping hooks, and sickles, suitable for New South Wales, Australia, Canada, the Indies, the Cape of Good Hope, Russia, and the United States of America.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
HUTTON, J.	England : Commercial-road	Chronometers	10b	Watches with single compensation stud. Clock with compensation pendulum and barometric regulator. Marine chronometer with pneumatic auxiliary compensation. Hutton's lever chronometer.
HYDE and Co.	England: 61 Fleet-st.	Sealing-wax adapted for hot countries	17	Rider's new mode of taking impressions from intaglios. Solid India and other sealing-wax.
TAKOVLEFF, Mme. Catherine	Russia: Gtshino, Riazan	Cutlery	21	Articles of hardware. Knives.
IBBETSON, Capt.	England : Old Brompton	Model of the Isle of Wight	7	Trigonometrical model of the Undercliff, Isle of Wight, from a trigonometrical survey, the vertical heights being on the same scale as the base
IBBETSON, Capt.	As above	Bronzing, iron, & metallic castings, new method (& special approbation) ..	22	Bronzing, iron and metallic castings by a new method.
IBBETSON, Capt.	As above	Electrotypes	23	Electrotypes from the animal and vegetable kingdom. Ornamental castings in various metals.
IBBETSON, Brothers..	England : Sheffield	Cast-steel scythes, &c. ..	21	Collection of cast steel circular saws, polished. Segment of a circular ventering saw. Large collection of mill and hand saws. Cast steel scythes. Assortment of files. Table, hunting, and other cutlery.
IBBETSON, Thos.	Scotland : Glasgow	A plane	21	Panel or block plane, capable of being altered to a mitre plane.
IBBETSON, R.	England : Sheffield	Saws.. .. .	21	Improved bill-pruning saw. London pattern hand and back saws.
IBRAHIM, Aga	Turkey	Specimens of figured velvets	13	Specimens of figured velvets.
ILES, C. and Co.	England : Birmingham	Pedestal, &c. of a new material resembling marble	27	Pedestals and slabs of a new material imitating marble.
IMPERIAL ARTINEK WORKS	Russia : Zlatoust..	Scythes	21	Cast steel scythes.
IMPERIAL RUSSIAN MANUFACTORY	Russia : St. Petersburg ..	Porcelain	24	Vases, ornamented with paintings. Slabs for tables.
IMPERIAL AUSTRIAN MANUFACTORY	Austria : Vienna ..	Porcelain	24	Vases ; dinner service ; fruit, bread, and ice baskets of porcelain. A [table and various paintings.
INDIA COMPANY, Hon. East INDIA COMPANY, Hon. East	India. As above	Inlaid chess table.. Clay figures representing the various Hindoo castes and professions, manufactured in Kishnagar	27	Inlaid chess table.
INGRAM, H.	England : 198 Strand	Applegarth's vertical printing machine	29	Clay figures representing the various Hindoo castes and professions, manufactured in Kishnagar.
INGRAM, T. W.	England : Birmingham ..	Buttons	6	{ Printing machine on the vertical principle as used at the "Times" office. The machine erected in the Exhibition was made to print circular woodcuts and type in the best manner.
ISGLIS and BROWN	Scotland : Galashiels	Tweeds	22	{ Horn buttons, illustrations of the manufacture prior to the patent, and the improvements made since.
ISGLIS and WAREFIELD	Scotland : Glasgow ..	Machine-printed mousseline-de-laine	12	{ Specimens of Scotch tweeds.
IRON BRIDGE COMPANY, New York	America : New York ..	Line-drawings & barges Model of Rydhar's patent iron bridge	18	{ Printed mousseline-de-laine on cotton warp ; printed casimeres, bal-zarines, cottons, and jacquets.
KROCKA : T. Thorsen-off	Russia : St. Petersburg ..	Wooden spindles	7	{ Reduced model of Rydhar's improved suspension truss bridge. Full sized wooden spindles.
LAWSON, F.	France : St. Nazaire ..	Woolen goods	15	{ Woolen goods, manufactured by the French Government.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES EXHIBITED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
JACKSON, W. H. and S. JACKSON and GRAHAM	England : Clerkenwell .. England : 37 & 38 Oxford-st.	Watches, solid key .. Curved sideboard and other furniture	10b 26	Solidave lever watches, duplex timepiece, and pocket and marine chronometer, with a new compensation for extreme temperatures. Sideboards, book-cases, chairs, sofas, cheval-servants &c. London carpet, carpet of marcesque design, velvet-pile carpets, tapestry velvet carpet and border, London rugs.
JACKSON, P. R.	England : Manchester ..	Railway tyres, hydraulic press	5	Locomotive and carriage tyres. Spin-wheel, moulded by a patent machine. Stench-trap, easy to clean out. Model of a powerful hydraulic press, which will lift upwards of 3,000 tons.
JACKSON, — .. JACOBBER, — ..	America France : 43 Rue du Faubourg St. Denis, Paris	Annunciator Paintings of flowers on china	22 30	Annunciator. { One dozen painted plates in porcelain of Sèvres. Two large paintings on porcelain, flowers and fruits, exhibited by the Sèvres national manufactory.
JACLOUT, Mme.	France : Sèvres ..	Head of Raphael	30	Pictures & copies of pictures of the great masters on Sevres porcelain.
JACQUET, H. and Co.	Sardinia : La Tour Jazerne ..	Silk	4	Specimens of raw and thrown silk.
JACQUIN, J. J.	France : Troyes ..	Circular hosiery frames ..	6	Circular looms. Samples of woollen, and woollen and cotton weaving.
JAEGER, W. and Co.	Tuscany	Silk	4	Raw silk from the exhibitor's spinning mills.
JAHN and BOLIN	Russia : St. Petersburg ..	Setting of diamonds ..	23	Table with glass case to exhibit jewellery.
JAILLON, MOINER, and Co.	France : La Villette ..	Stearic candles	29	Stearic acids. Stearine candles. Soaps.
JAME, BLANCHI, & DUSEIGNEUR	France : Lyons	Silk	4	Raw and thrown silks ; cocoons.
JAME, BLANCHI, & DUSEIGNEUR	As above	Grenadine and organzines	13	Various samples of raw and wrought silks
JAMES and Co.	England : 24 Leadenhall-st. ..	Weighing crane	5	Crane for raising & weighing at one operation ; and weighing machines.
JAMES, Jabez	United Kingdom	Model of Britannia Bridge	7	Model of the Britannia bridge, and of the apparatus used in floating and raising the tubes.
JAMES, J.	England : Bedford, nr. Worcester	Fish-hooks and needles ..	22	Needle boxes, furnished. Needles and fish hooks in the various processes of manufacture.
JANSEN, A. D.	Belgium : Brussels	Collection of sporting and ornamental guns ..	8	Guns, rifles, and pistols. A target.
JAPINS, J. B. and SONS	France : Claye	Printed furniture, cotton and chintz	18	Printed calicos. Prints, articles for furniture; and muslins for dresses.
JARDINE, D.	India : Calcutta	Silk	4	Silk and cocoons.
JASTRZEWSKI, F.	Belgium : Brussels	An upright piano-forte ..	10a	Six and three quarters and seven octave upright pianos.
JAULIN, J.	France : 11 Rue Albony, Paris..	A Panorgue and improvements in free reeds ..	10a	A panorgue connected with a piano, and an organ upon a new principle.
JEAKES, W.	England : 57 Great Russell-st. ..	Stove grates (and special approbation)	22	Improved ventilation stove grate, the heating surfaces of which are composed entirely of pure fire-brick. An improved grate.
JEANSEME, J. P. F.	France : 93 Boulevard Beaumarchais, Paris	Cabinet and sofas	26	Cabinet work : oak sideboard, dressing-room furniture, arm chairs, and chairs in Louis XV. style.
JEANTY, FREYOST, PERRAUD, and Co.	France : La Villette	Beet sugar	4	Three leaves of refined sugar.
JEFFERS, W. H., the Workman of	America : New York	Ladies' boots and shoes (honourable mention to exhibitor)	20	Cork sole and well-stitched back-part gaiter-boots. Gaiters of various kinds. Red and embroidered morning satin slippers.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
JEFFERY, WALSH, and Co...	England : Limehouse ..	Specimens showing the advantage of marine glue, as a substitute for pitch, and for other purposes connected with ship-building	8	{ Specimens of marine glue, showing its utility in naval architecture, and its durability and cleanliness. In the construction of masts, small seasoned Dantzig or northern timber can be used instead of yellow pine.
JENKIN, W. ..	Netherlands : Utrecht ..	A plough	9	Swing plough of Flemish construction. Turnip and carrot cutter of a new construction.
JENKINS, W. and Sons	England : 10 London-st.	An expanding piano-forte for yachts, &c. ..	10a	Expanding piano-forte for yachts, &c. Cabinet piano-forte in the Elizabethan style.
JENKINS, Major F. ..	India : Assam ..	Assam produce	4	Assam produce.
JENNENS and BETTRIDGE ..	England : 6 Halkin-street, West	Papier maché inlaid piano-forte	26	{ The Victoria Regia cottage Piano-forte. Chairs, inkstands, tables, trays, and other works in papier maché. Multum in uno.
JENNINGS, — ..	India ..	Silks	4	Silks.
JENNINGS, G. ..	England : Great Charlotte-st. ..	Water closet	22	India-rubber tube water closets. India-rubber tube cocks. Improved cistern valve. Shop shutter shoe. Joint for connecting pipes without solder.
JENNINGS, B. ..	United Kingdom ..	Statue of Cupid in marble ..	30	Statue of Cupid.
JERICHAU, J. A. ..	Denmark : Copenhagen ..	Group in plaster, hunter and panther	30	{ Adam and Eve, a group in plaster. Group in marble, hunter and panther. Two bas-reliefs in plaster, being specimens of a frieze for the palace of Christiansborg, in Copenhagen. Bust in plaster.
JENNINGHAM, Capt., R.N. ..	United Kingdom ..	An anchor, bent on to a line, to fire from a Manby mortar, a sufficient distance to afford the means of hauling a life-boat through the surf ..	8	Anchor and mortar for shipwreck purposes.
JETU, C. A. ..	Canada : Quebec ..	Curried porpoise leather and samples of leather from the skin of the whale	16	Dressed porpoise-skin and whale-skin leather.
JEPPORE, the Rajah of	India ..	Attar of roses	4	Attar of roses.
JOHNSON and Co. ..	England : Sheffield ..	Radiating stove	22	Light and heat reflecting stove-grate and marble chimney-piece. Burnished steel register stove, ornamented with twisted steel mouldings, gilt coronet, and silver feathers. Air stove.
JOBST, F. ..	Wurtemberg : Stuttgart ..	Quinine	2	Salphate and other compounds of quinine ; pure kali hydro-odinic.
JOCADAH FACTORY, the Proprietors of ..	India ..	Indigo	4	Indigo.
JOHANSSON, J. ..	Sweden : Stockholm ..	Stearine candles	29	Specimens of stearine and of stearine candles. Specimens of moulds for casting.
JOHNSON and MATTHEY ..	England : 79 Hutton-garden ..	Collection metallurgic ..	1	Metals and compounds : platinum, palladium, iridium, rhodium, uranium.
JOHNSON and MATTHEY	As above ..	Palladium crucibles ..	10	As above.
JOHNSON, CAMERON, and Co.	England : Sheffield ..	Quality of steel	1	Model of the Cyclops works. Specimens of iron and steel, suitable for engineering, tool making, &c. A section of a machine, showing the most complete means of tool making, &c. A section of a machine, showing the most complete means of tool making, &c. A section of a machine, showing the most complete means of tool making, &c.

LOCALITY.

ARTICLES EXHIBITED.

NAME.

JOHNSON, CAMMELL, and Co. JOHNSON, R. and Brothers	England : Sheffield .. England : Manchester ..	Files .. Wire-drawing benches ..	1 6	Model of the Cyclops works, &c. (See preceding page.) Wire-drawing benches, showing the process of drawing strong and fine sizes of iron wire with specimens.
JOHNSON, J. JOHNSTON, W. and A. K. . .	England : Manchester .. Scotland : Edinburgh ..	Quillings and toilet covers .. Geological and physical globes ..	11 10	White and coloured figured sars, and white diamond quilting for vests. White and coloured bird and toilet covers. Terrestrial globe 30 inches in diameter, showing the geological structure of the earth, the currents of air and of the ocean, trade winds, trade routes, monsoons, and isothermal lines, or lines of equal temperature.
JOHNSTONE and JAMES JOLLY-LELEUC	England : 67 New Bond-st. France : 38 Rue Faubourg St. Antoine, Paris ..	Expanding table Cabinet work	26 26	Side-board of mahogany. Circular dining table. Expanding plateau for dining table. Carved library chair. Rosewood wardrobe, carved with looking-glass and small étagère.
JOLY, Mmes. Sisters	France : 45 Rue Neuve St. Augustin, Paris England : Whitechapel ..	Corset of novel description from Havannah tobacco	20	Fancy white satin, white drill, mohair, &c., stays ; trimmings.
JONAS, E. and Brothers	England : Whitechapel ..	Collection of Havannah cigars representing the state of the English market	3	Cigars and tobacco.
JONES, B. and Co.	England : 39 Brunswick-sq.	Starch from rice Cab phaeton ; a well-finished carriage	3 4	Cigars, foreign and British. Starch, hair powder, and gluten from rice.
JONES, O. and Co. JONES, Brothers	England : Battersea .. Belgium : Brussels	White peas Cotton Cotton Chromolithography Geological maps	5a 3 3 4 4 30 1	Four carriages, a calosh, a phaeton cab, pony break, and buggy. Barrel of peas. Samples of Upland cotton. Samples of Upland cotton. Printing in colours from stone for illustrated works. Maps in relief, and maps printed in colours. Geological map, in relief, of the Grand Duchy and Electorate of Hesse, with the Duchy of Nassau and bordering countries. Geological map, in relief, of Wurtemberg, Baden, and the neighbouring countries, including the Palatinate and Alsatia, tinted in 30 colours, upon the same scale as the preceding map. Hand-atlas.
JOHANNEAUD and DUBOIS .. JORDAN and BARBER JORDAN, T. B.	France : 5 Rue de l'Entrepôt, Paris Austria : Tetschen on the Elbe England : Lambeth	Porcelain Gruaux and common flour .. Oak screen, &c., carved by machinery White varnished hide Printed moleskin table-covers Corsets Hemp	24 3 26 16 19 20 4	Vases, decanters, clocks, scent bottles, tête-à-têtes. Different kinds of flour from Austrian wheat. { Specimens of Jordan's machine-carving, altar-screen chairs, trophy of birds, foliage, statuettes. Oil-cloth and other fabrics. Tanned and curried hides. Varnished paper for packing.
JOREZ, — Jun. JOREZ, — Jun. JOSSELYN, J. J.	Belgium : Brussels As above France : 37 Rue Louis-le-Grand, Paris France : Angers	Printed moleskin table-covers Corsets Hemp	16 19 20 4	As above. Stays of every kind. Raw and combed hemp and flax. Sail-cloths. Tent-cloths. Firemen's pail cloths. White pantaloons-cloths.
JOUBERT-BONNAIRE, and Co. ..	France : Altkirch France : 8 Boulevard Bonne Nouvelle, Paris	Muslin Kid gloves	11 20	Tissues, jaconets, organzines, muslins. Skins ; tools used in the manufacture of gloves, dyed skins, gloves.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

CLASS.

JOUVIN, Mme.	France: Grenoble	..	Gloves	..	20	Glove-leather, gloves, machine for cutting out gloves.
JOWETT, T. and Co...	England: Bingley..	..	Fabrics from Alpaca wets and silk and cotton warps; also of silk warp and linen wets..	..	12	{ Mixed fabrics of cotton, alpaca, silk, and china grass, for vestings, dresses, &c., woven by power-looms.
JOWITT and BATTIE..	England: Sheffield	..	Files ..	..	21	Specimens of forged, tilted, rolled, and hand-drawn, cast, shear, and spring-steel. Engineers' and machine-makers' cast steel files.
JOTYNSON, W... ..	England: St. Mary Cray	..	Writing paper	..	17	Specimens of writing paper. Large bank post, blue wove, blue laid, and cream laid post, cream laid and blue laid foolscap.
JUDEKINS, C. T.	England: Manchester ..	..	Heald machine and improved heald ..	..	6	Heald machine for producing healds, or weavers' harness, &c. Sewing machine capable of sewing 500 stitches per minute. Self-acting machine for closing metals upon the eyes or loops of healds.
JCHIEL-DESMARES, L..	France: Vire ..	..	Woollen cloths ..	..	12	Cloths of various fabrics and colours, twilled beaver, double milled, and plain cloth, satin.
JULIN, N. ..	Belgium: Liege ..	..	Shell cameos	..	28	Cameos.
JULIEN, — Sen.	France: Tours ..	..	Specimens of gimps, &c.	..	19	Trimnings for furniture.
JUMEAU, Pierre ..	France ..	..	Dolls' dresses	..	29	Dolls' dresses.
JUNOP, Dr. T. ..	Switzerland: Lausanne..	..	Apparatus for hemospatic	..	10c	Apparatus to supersede, in many instances, bleeding, leeches, and cupping, without the loss of blood.
JURGENSON and SONS	Denmark: Copenhagen ..	..	Metallic thermometer ..	..	10	Two box chronometers with free escapement, &c. Gold watch adapted for observations. Metallic thermometers. Model of the detached escapement usually employed in the chronometers of the exhibitors.
JURGENSON and SONS	As above ..	..	Chronometer ..	..	10b	As above.
KALIDE, T. ..	Prussia: Berlin ..	..	Boy with swan, in bronze, &c.	..	22	Group: the Bacchante with the panther. Cast in plaster of Paris from marble. A boy with a swan, in bronze.
KANE, G. ..	Ireland: Dublin ..	..	Portmanteaus and camp furniture ..	..	16	Portmanteaus and camp furniture.
KAPPELLER, L. and Son	Bavaria: Hufnerszell ..	..	Graphite crucibles ..	..	27	Various sorts of black crucibles for melting gold, silver, iron, steel.
KARBER, H. & WESTERMANN,	France: Metz ..	..	Articles of stamped iron	..	22	Articles in stamped iron, tinned or varnished.
KARNOVITCH, E. ..	Russia: Iaroslaff ..	..	Flax ..	..	4	Flax, prepared after the Flemish method. Rape-seed.
KAUFMAN, H. ..	Prussia: Berlin ..	..	Woollen velvets of plushes of goats' hair of various descriptions, printed and chine ..	..	15	{ Printed and other plush for furniture, livery plushes, plush for coats, shoes, caps, &c. Velours of cotton (castorine.)
KAREMANN, A. ..	Russia ..	..	Wools ..	..	4	Specimens of woods.
KAY, RICHARDSON, & WROE	England: Manchester ..	..	Chine goods of cotton, worsted, silk, and linen, with printed warps ..	..	12	{ Brocade chine, chine barège de Valenciennes. Chine Versailles. Barège robe de Veronne. Improved cast-steel dressing tools. Plough-steel and shovels. Improved cast-steel and horse and carriage wheels. Improved cast-steel and horse and carriage wheels. Improved cast-steel and horse and carriage wheels.
KAY and WARRING..	England: Stourbridge ..	..	Articles, steel, &c. ..	..	22	

NAME.	LOCALITY.	ARTICLES REWARDED.	Cats.	DESCRIPTION OF ARTICLES EXHIBITED.
KEIBEL, Brothers ..	Switzerland : Schwendi, Canton of Berne ..	Articles carved in wood ..	28	{ Box wood salad spoon and fork, ruler, drinking-cup for children, nut-crackers, folder, handle of chamais horn, &c. Sculptured printed plate.
KEILLISH, Henry ..	United Kingdom ..	Models of a miniature tigress and cubs ..	16	Models of a miniature tigress and cubs.
KEITH and Co. ..	England : 124 Wood-st. ..	Furniture silks ..	13	Silk trophy. Rich tissues, brocades, brocatelles, silk damasks, silk and worsted damasks, carriage linings, diaphane, window blinds.
KEITH and Co. ..	As above ..	Large collection of printed shawls ..	15	Shawls, printed barège, grenadine silk, cashmere, mufflers, and satin, long and square.
KEITH, G. ..	England : 36 Piccadilly ..	Refrigerator ..	22	Ling's ice-suits. Gablen's ice-box. Ice-plane. Coffee or chestnut roaster. Magic mirror. Liquid meter.
KEITH, J. ..	England : 59 Britannia Terrace, City Road ..	Chalices ..	23	Communition service, consisting of flagons, chalices, patens, and offertory basins.
KELL, A. and Co. ..	England : Birmingham ..	Metallic pens ..	22	Steel pens, showing their different forms and qualities, with improvements.
KELLER and Co. ..	Prussia : Birkenfeld ..	Tea service of coloured cornelian, and jewel cases in green moss. agate	23	{ A service in red cornelian, vases, boxes, caskets, jewel-cases, and fancy articles in onyx, cornelian, and green moss-agate.
KELLER, Joseph ..	Austria : Brtinn ..	Woollen yarns ..	12	Woollen yarns.
KELLNER, S. ..	Bavaria : Nürnberg ..	Glass painting of window in St. Lorenz Church, Nürnberg..	30	Glass painting, a copy of the window by Volkanier, in St. Lorenz Church at Nürnberg.
KENDALL and Co. ..	Ireland : Dublin ..	Toilet soaps..	29	Various fancy soaps, manufactured without any deleterious ingredient.
KENDRASHOFF, — ..	Russia ..	Variety of silks in brocade, damask. Portraits à la Jacquard..	13	Variety of silks in brocade-damask. Portraits à la Jacquard.
KENNARD and Co. ..	England : 67 Upper Thames-st. ..	Stoves and iron castings	22	Four coats of arms, varied designs and sizes. Self-acting and cottage ranges. Register grates. Ornamental castings.
KENRICK and Son ..	England : West Bromwich ..	Enamel ware ..	22	Model of an enamelled tank or cistern with gutta percha joint. Enamelled water, or gas-pipes, troughs, &c. Pulleys, castors, &c. Nail-casting.
KENT, J. H. ..	England : Stanton ..	Dried pharmaceutical herbs	2	Dried pharmaceutical indigenous plants, in glass vessels, with extracts.
KENT, G. ..	England : 329 Strand ..	Knife-cleaning machine..	22	Rotary knife-cleaning machine. Triturating strainers. Rotary cinder-sifters.
KEPP and Co. ..	England : 40 41 & 42 Chandos-st. ..	Copper bath ..	22	Copper-bath. Steamers, hot-water pipes, and skylight frame. Copper covering for roofs ; casements, clock-hands.
KESE, Robert (KERR, SCOTT, and Co.) ..	{ Scotland : Paisley ; —England : 31 & 32 St. Paul's-church-yard ..	{ Fine specimens of every description of shawls, and a variety of tartans	15	India long and square shawls. Printed and fancy wool long and square shawls. Grenadines, all silk, and barège, silk and wool. Grapes printed in imitation of real China. Long floral cashmeres, and soft silks.
KESSHAW, T. ..	England : 35 John-st., Fitzroy-sq. ..	Imitations of marbles and wood, for house decoration	26	Imitation of foreign and English marbles and woods for house decorations, made of wood and slate.
KESSELER, G. ..	Prussia : Griefswald ..	Bronze statue of Polyhymnia ..	22	Bronze full-length figure of the muse Polyhymnia after the antique statue, in the Royal Museum, Berlin.

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

12	Black twilled cloth, plain cloth, and doeskin.	12	Woolen cloths	..	Prussia : Aix-la-Chapelle	..	KESSELAU, J. H.
4	Fixed oils.	..	Fixed oils	..	India : Madras	..	Key, Professor J.
3	Flour from English and Australian wheat, dressed through Swiss silk machines.	..	Flour	..	England : Isleworth	..	KIDD and PODGER
29	Toys of wood, metal, paper, &c. Musical boxes.	..	Automaton toys	..	Austria : Vienna	..	KIEBABL, F.
10	Photographic miniatures.	..	Photographs	..	England : 234 Regent-street	..	KILBURN, W. E.
4	Specimens of fine wool.	..	Wool..	..	America : Philadelphia	..	KIMBER, A. M. and Co.
21	A variety of planes.	..	Planes	..	England : Hull	..	KING and PEACH
4	Anatomised plants.	..	Anatomised plants	..	United Kingdom	..	KING, Emma
10	Improved distimeter for the use of the army, with two parallel wires, moveable at the same time, and at equal distances from the centre to the extent of the field of view, along a scale divided to minutes. Surveying cross, with a graduated limb and vernier, graduated to five minutes. Improved Wollaston's goniometer, with an auxiliary glass for measuring off the angles of prisms and crystals. Silver hydrometer: Telescopes, mounted equatorially, with divided arcs.	..	Diolitic telescope	..	Wurtemberg ; Stuttgart..	..	KINZELBACH, T.
22	An assortment of needles and pins	..	Pins, &c.	..	England : Cannon-street, west	..	KIRBY, BEARD, and Co.
14	Specimens of linen.	..	Brown linens of low description and price	..	Ireland : Annvale, Keady	..	KIRK, W. and Son
21	Files and rasps, suitable for mechanics, engineers, &c. Large file, 54 inches long, to show the various forms of cutting.	..	Files..	..	England : Sheffield	..	KIRK and WARREN
10a	Miniature model of grand piano-forte. Concert grand, with repetition action. The Fonda semi-grand, and oblique piano-fortes.	..	A semi-grand piano, and an oblique piccolo piano	..	England : 3 Soho-square	..	KIRKMAN and Son
3	Sample of Indian corn.	..	Collection of maize, 34 varieties	..	America : New York	..	KIRTLAND, B. B.
4	Fixed oils.	..	Fixed oils	..	India : ..	..	KISHANGURK, the Rajah of
22	Various metal articles : viz., a vase, a cross, and two candlesticks cast in iron. Table cast in zinc. Flower vase of bronze, cast in one piece. Toilet-table, fauteuils, and chairs of hollow wrought-iron tubes, with cast-iron ornaments.	..	Cast-iron vases, &c.	..	Austria : Vienna	..	KITSCHEL, A.
5	Locomotive tank-engine, length of stroke 22 inches, diameter of cylinder 11 inches, of driving wheel 6 feet, fore and hind wheels 3 feet 8 inches.	..	Locomotive tank-engine	..	England : Leeds	..	KIRSON, THOMPSON, and HEWITSON
26	Italy water basin, carved in pear-tree wood, of a single piece. Oval frame, with the flowers and ribbons carved in oak-wood gilt.	..	Carved figure	..	France : Rue de Babylone, Paris	..	KNECHT, Emile
10	Chemical cabinets. Portable universal chemical furnace, on the principle of Dr. Black. Improved air-pump. Plate electric machines and galvanic batteries. Working models of electro-magnetic motive engines. Lathes for cleansing and polishing daguerotype plates. Photographic apparatus.	..	Chemical apparatus	..	England : Foster-lane	..	KNOUR and Sons
22	Variety of steel pens : Paxton, Bank of England, swan, correspond-ence, and artist-correspondence.	..	Metallic pens	..	England : 5 Esaucheap	..	KNOTT and FOSTER
30	Extra pale-yellow soap of pure and translucent composition. Soft soap based on the transparent olive oil, sals, &c., and for medicinal purposes.	..	Soaps	..	England : Old Gravesend, St. George's	..	KNOTT, John
36	Illustrated table and cover	..	Illustrated table and cover	..	Austria : Vienna	..	KNOTT, J.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
KNOKE, A. . .	Bavaria: Munich. .	Mechanical improvement in kettle-drums. . .	10a	Pair of kettle-drums.
KNOWLES, H. . .	England: Birmingham .	Buttons . . .	22	Gold-plated enamelled buttons.
KNUTTER and STEINHAUSER	Prussia: Greiz . .	Merinoes and broadened satin de Chineses. . .	12	Specimens of Thibet, French blue, satin d'Espagne, grey satin berber, and satin raye vert.
KOCHLIN, Brothers . .	France: Mulhouse . .	Printed mouseline-de-laine (all wool) and calicos. . .	18	Chintzes, printed cambrics, barèges, woollen and half-woollen stuffs.
KOHLER, J. . .	England: 35 Henrietta-st. .	A slide trombone, and for the application of his patent valves to other metal wind instruments	10a	Valved wind instruments.
KOLOKOLNIKOFF, P. . .	Russia: Moscow . .	Specimens of gold and silver brocade, cheuille, and other textures . .	13	Patterns of brocade.
KOLYAN, Imperial polishing manufactory of . .	Russia: Tomsk . .	Jasper vases . . .	27	Jasper vases.
KONGSBERG Silver Works . .	Norway . .	Silver ores, illustrative . .	1	Thirty-two specimens of silver in its different stages from the mine.
KONIG, L. . .	Prussia: Berlin . .	Camaille of superior workmanship . . .	16	Camaille from mink tails, with squirrel furs.
KONIGSHUTTE, Royal iron foundry at . .	Prussia . .	Cadmium . . .	3	Sundry specimens of ores.
KORNALOFF, N. . .	Russia: St. Petersburg . .	Painting on porcelain . .	30	Vases ornamented with paintings.
KORCHELEFF, Count . .	Russia: near St. Petersburg .	Collection of corn and hops . .	8	Wheat and other agricultural produce.
KOTAH, the Rajah of . .	India. . .	Collection of raw produce . .	4	Collection of raw produce, indigo.
KRAMSTA and Sons. . .	Prussia: Freyburg . .	Bleached plattitas for export . . .	14	{ Raw and bleached linens, creas and plattitas royales. Dessert napkins, Linen handkerchiefs. Diaper, Jaquard, and damask table-cloths and napkins. Raw linen machine yarn. Samples of starch.
KRASHENENKOFF. — . .	Russia: Orel . .	Hemp . . .	4	Hemp.
KRATCH, Brothers . .	Austria: Prague . .	Double pilot cloth coat . .	20	A dress coat of peculiar workmanship. A double coat, that can be worn on either side, made of a new material. A coat made of woollen stuff of peculiar cheapness. Another made of a new woollen stuff.
KRIEGER and Co. . .	France: 79 Faubourg St. Antoine, Paris . .	Card tables, and mechanical furniture . . .	26	Several articles of furniture for drawing rooms, and dining rooms.
KRONENBERG, W. F. . .	Netherlands: Deventer . .	A large carpet . . .	19	Carpets, Deventer carpet woven in one piece.
KRUMBHOLZ, — . .	Russia: Moscow . .	Gilt bronze candelabra . .	22	Two gilt bronze candelabra.
KUHLMANN, Brothers . .	France: Lille . .	Chemical products . . .	2	Collection of samples of twenty different chemical products.
KULLREN, C. A. . .	Sweden: Udderwalla . .	Granite cross . . .	27	Colossal monument of granite, in form of a cross, cut out of a single block. The stone remarkably fine grained, and exhibited as a sample both of quality and material, and of workmanship.
KUMMER, K. W. . .	Prussia: Berlin . .	Large relief globe . . .	10	Globe in relief, four feet diameter, on a pedestal.
KUMS, E. . .	Belgium: Antwerp . .	Assortment of canvas, Russia sheetings, &c. . .	14	Imitation pieces of various kinds of canvas, and strong sackings.
KUHNEN, Dr. Louis . .	Prussia: Berlin . .	Pink salt, and oxide of uranium . . .	2	{ A mass of crystals of sugar of lead. Acetate of lime. Nitrate of lead. Tinnate of soda. Cyanate of potassium. Oxide of uran. Tungstanie acid.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
KERNER, A.	Austria: Vienna ..	Turkish slippers ..	20	Ladies' shoes. Slippers with velvet and gold embroidery. Gentlemen's shoes. Over shoes.
KUPFER, W.	England: Camberwell ..	Metal ropes..	22	Specimens of round and flat wire rope for mining and railway purposes, suspension-bridges, &c. Copper lightning-conductor, and sash-lines, strands for fencing.
KUPFER, —	Prussia: Bromberg ..	Wool..	4	Merino fleeces of two year old ewes. Exhibited on account of the fineness and regularity of the wool-staple, and as an illustration of the advance of the production of wool in the Prussian countries of the Middle Vistula.
KURTZ and SCHINERSAHL ..	England: Manchester ..	Colouring matters, &c. ..	2	New colouring matters, and preparations for printing and dyeing in cotton, linen, silk, and wool, with specimens. Ultramarine, of various qualities.
LADOULAYE, C. and Co. ..	France: 30 Rue Madame, Paris	Printing types ..	17	Specimens of various type founts and printing.
LACARRERE, A. ..	France: 9 Rue St. Elizabeth, Paris	Lustres, chandeliers, &c. ..	23	Lustres, sconces, chandeliers, medallions.
LACARRERE, A. ..	As above ..	Mutation of gilding ..	22	As above.
LACEY and PHILLIPS ..	America: Philadelphia ..	Case of harness ..	16	Harness.
LACHARPELLE and LEVABET ..	France: Rheims ..	Woolen yarns ..	12	Spinning. Samples of combed and carded woolen yarn.
LACROIX and Son ..	France: Rouen ..	Fulling machine for cloth ..	6	Lithographic machine. Fulling machine for cloths.
LACROIX, Brothers ..	France: Angoulême ..	Writing paper ..	17	Various sorts of stained and ornamental papers.
LADOUBEE, L. jeune ..	Belgium: Brussels ..	Saddlery and harness ..	16	Harness, saddles.
LADOUBEE, P. J. ..	France: 162 Palais National, Paris	Clock ..	23	Gilt bronze-mounted porcelain articles. Engraved and gilt crystals with similar mountings.
LAHURE, —	France: Havre ..	Iron life-boat ..	1	Non-capsizable yawl.
LAHLER, E. H. ..	France: L'Hotelier ..	Flax ..	4	Heckled flax.
LAINE-LAROCHE and MAX-RICHARD ..	France: Angers ..	Hemp ..	4	Raw Angers hemp, combed hemp for power looms, hemp yarns for canvas warp and weft, and sail canvas made of hemp, woven without sizing, for the navy of France.
LAING, J. and A. ..	Scotland: Dundee ..	Ducks, imitation Russia sheeting ..	14	Duck and sheeting.
LAMB, J. ..	England: Newcastle-under-Lyne ..	Manufacture of pottery tissues ..	17	Pottery tissue papers, and for printing china and earthenware from copper rollers and plates. Specimens of old rope from which the paper was manufactured.
LAMBERT and BUTLER ..	England: 141 & 142 Drury-lane	English cigars, manufactured from Havannah tobacco ..	3	Tobacco from America, Havannah, Holland.
LAMBERT and Co. ..	England: Bermondsey ..	A cottage piano-forte ..	10	Wellington boot fronts. Grain and waxed calf-hides. Cordovan hides.
LAMBERT and Son ..	Ireland: Limerick ..	Waxed calf-skins, boot fronts, and cordovan ..	16	Lace: shaded lace flounce; shawl; and worked scarf in imitation of Valenciennes and lace.
LAMBERT and BERRY ..	England: 236 Regent-st. ..	Limerick lace, shawl, and tunic dress ..	19	Embroidered vestments. Masquerade regalia. Epaulettes, and ties. Specimens of little used by King Charles I. Embroidered and tied. Silver wire. Huguenot. Soap.
LAMBERT, BROWN, & PATRICK ..	England: Coventry-st. ..	Epaulettes and laces ..	23	Embroidered vestments. Masquerade regalia. Epaulettes, and ties. Specimens of little used by King Charles I. Embroidered and tied. Silver wire. Huguenot. Soap.
LAMBERT and HANCOCK ..	England: Coventry-st. ..	Vases ..	23	Embroidered vestments. Masquerade regalia. Epaulettes, and ties. Specimens of little used by King Charles I. Embroidered and tied. Silver wire. Huguenot. Soap.

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

LAMBERT, T.	England : Lambeth	Water-closet & diaphragm valve	22	Diaphragm valve and stop cocks. High pressure ball or cistern valve. Self-closing valve cocks. Economic lamp. Hydrant water closet. Specimens of brown cotton Kaimuck; black, green, buckskin, and mixture Kaimuck. Brown, black, and variegated heavier. Lava millstones, from the lava quarries of Nieder Mending, near Andernach, on the Rhine. They can be procured as large as 6 feet in diameter, and 18 inches thick. The quarries are supposed to have been worked for twenty centuries.
LAMBERTS, A., Christison . .	Prussia : Gladbach	Cotton Kaimucks and beavers	11	
LANDAU, S.	Prussia : Coblenz and Andernach	Lava mill-stones of Andernach	1	
LANDGRAFF, G.	Saxony : Hohenstein	Women's single-thread cotton hose	20	Women's single thread cotton hose.
LANDRON, Brothers	France : Meung-sur-Loire	Well-tanned sole-leather	16	Leather made from the skins of different animals, natives of France and of Buenos Ayres.
LANE and LEWIS	England : Clifton	Niche, and statue of St. Peter, in Queen stone	27	Statue of St. Peter in canopied niche of Caen stone.
LANE, T.	England : Birmingham	Paintings on pearl glass	26	Articles chiefly in pearl glass, papier-maché table, work-table, cheval screen, pole-screens, reading-table, cabinets, chess-table, &c. Specimens of gem painting on glass.
LANG, J.	England : 7 Haymarket	Double and single guns and pistols	8	Guns, rifles, pistols, and revolvers. Walking-stick gun with rifle and shot barrels.
LANG, Johann	Austria : Vienna	Ginghams; design suited to French and German taste	11	Fancy cotton goods.
LANG, G., heirs of	Bavaria : Oberammergau	Toys carved in wood	28	Collection of ornaments and toys cut in wood, ivory, and alabaster.
LANGDON, W., jun.	England : 9 Duke-st., Manchester square	Light phaeton harness	13	Light phaeton harness.
LANGVIN and Co.	France : Laferté Aileps	Spun silks	16	Floss silk threads of various qualities.
LANTIER and Co.	France : Rheims and Tinguieux	Barège and woollen yarns	13	Samples of dyed and undyed wool.
LAPEYRE and DOLEBEAU	France : Lyons	Silk	12	Figured silks. Damask stuffs and shawls.
LAPEYRE and DOLEBEAU	As above	Damask reps, figured and Chingé shawls	4	
LAPORTE, H. F.	Austria : Vienna	Embroideries on several textures	13	As above.
LAPWORTH, A.	England : Axminster	Specimens of velvet pile carpets &c.	15	{ Embroidered scarfs and handkerchiefs, Mantillas, Scarfs. Velvet
LARCHER, FAURE, and Co.	France : St. Etienne	Specimens of ribbons	19	{ Axminster and patent carpets. Velvet pile and tapestry velvet carpets.
LARDINOIS, N. C.	Belgium : Liege	Target rifle, with accessories of every kind	13	Silk ribbons.
LARBSCH MONNICH, Count H.	Austria : Karwin	Wools	8	Rifle with accessories, Swiss style, double-barrelled with accessories.
LAROCHE, E.	France : 10 Rue des Jeûneurs, Paris	Designs for shawls, bal-reges, muslins, &c.	4	{ Sheep-wool in fleeces. Manufactured designs for printing on tissues, made use of by various houses in France and abroad.
LAST, S.	England : 256 Oxford-st.	Railway portmanteau	30	{ Railway portmanteau, divided into four compartments. Cast-iron bust of the King of the Belgians. Cast-iron bust of the late Queen of the Belgians. Letter-boxes adopted by the Belgian Government.
LATOUR, Albert de	Belgium : Brussels	Iron castings	22	
LAUE, J. F.	Switzerland : Wildegg, Canton of Argovie	Set of boring tools	7	Boring apparatus for artesian wells.

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

LAUREAT, L. . .	France: 12 Rue St. Gilles au Marais, Paris . . .	Figures in a galvanized compound of bronze and pewter . . .	22	{	Five figures made of a galvanized compound metal of bronze and pewter, representing the Republic, Europe, Asia, Africa, and America.
LAURENGOT, E. . .	France: 8 Rue Neuve-Bourg-l'Abbe, Paris . . .	Painting and other brushes . . .	23		
LAURENT, Mme. Pauline . .	France: Sèvres . . .	Three enamels on copper . . .	30		
LAURENT, F. . .	France: 5 Rue Chapon, Paris . .	Dressing and ornamental cases . . .	29	{	Brushes of all descriptions in ivory, bone, and buffalo-horn. Three enamels on copper.
LAUBET, Brothers . .	France: 19 Rue des Mauvaises Paroles, Paris . . .	Embroidered silk hose of high quality . . .	20		
LAUBY, G. . .	France: 21 Rue Tronchet, Paris .	Stove-grates and stoves (& special approbation) . .	22	{	Dressing-cases, portfolios, liquor cellars, flower-stands, and other articles of cabinet-work. Stockings, gloves, and silk mittens. Scotch thread, silk poplin, and cashmeres. Various other articles. Galvanifers in brass and cast-iron. Grates for chimneys. Fenders. Columns of various patterns. Various objects in bronze.
LAVOISY, A. D. . .	France: 180 Rue Montmartre, Paris .	Churn . . .	9		
LAWLER, J. . .	England: 30 Wyndham-st. America: Boston . . .	Marble statue of a bather Tartans made from native wool . . .	30	{	Three churms. A bather, statue in plaster. Shawls and cashmeres. Distributor, with six outlets. Refrigerator. Store cask or vat, with tinned-copper tempering pan.
LAWRENCE, J., sen. . .	England: Colnbrook . . .	Refrigerator, store-cask, &c. .	15		
LAWRENCE, M. M. . .	America: New York . . .	Daguerreotype . . .	10	{	Daguerreotypes. British zinc ores; zinc in ingots, sheets, and plates. Perforated sheet zinc, zinc nails, &c. Various manufactured articles.
LAWRENCE, T. B. . .	England: Lambeth . . .	Perforated zinc . . .	22		
LAWSON, Alexander. . .	Scotland: King's Kettle . . .	Assortment of low-priced dowlas, hucks, sheeting, window-blinds, &c. .	14	{	Dowlas, sheeting, huckaback, ducks, drills, and diapers. Plain satin and fancy hair seating in black and coloured damasks. Samples of curled hair. Raw materials.
LAYCOCK and Sons . .	England: Sheffield . . .	Horse-hair, damask, &c. .	16		
LAYDET and Co. . .	France: Niort . . .	Case of gloves . . .	20	{	Chamois leather. Buckskin gloves. Beaver and chamois gloves. Thread, silk, and cotton kerchiefs. Flagon of garancine. Fasteners for sashes. Alarm bells. Gothic hinges. Handles for locks. Latches. Locks. Bolts.
LAZARE and LACROIX . .	France: Avignon . . .	Dye colours . . .	4		
LEA, W. and J. . .	England: Wolverhampton . . .	Lock with bolts, &c. .	22	{	Flannels from English and Australian wools. Coatings, swanskin, gauze Saxony. Volatile oils of lavender, Romanine, Genevieve, and lemon. Citric and tartaric acid.
LEACH, J. and Sons. . .	England: 83 Wood-st. . .	Flannels . . .	12		
LEAL, F. M. C. . .	Portugal . . .	Collection of oils, fixed and volatile . . .	4	{	Specimens of cashmere merinos for ladies' boot tops.
LEAROLD, J. E. . .	England: Huddersfield . .	Casinetts of superior quality . . .	15		
LEAROLD, Wm. . .	As above . . .	Casinetts of novel and excellent quality . . .	15	{	As above. Mantelpieces for chimneys, carved in various styles.
LEBRUN, J. A., jun. . .	France: 9 Boulevard du Temple, Paris . . .	Chimney piece . . .	27		
LECHEMSE, Augusto. . .	France: 37 & 39 Rue Fontaine, St. Georges, Paris . .	Carved frame . . .	26	{	Pear-tree carved frame. Group: children and dogs.
LECHEMSE, Augusto. . .	As above . . .	Child protected from a snake by a dog . . .	30		

DESCRIPTION OF ARTICLES EXHIBITED.

Class

ARTICLES REWARDED.

LOCALITY.

NAME.

LEZERE, Brothers ..	France : Angers ..	Hemp and flax ..	4	Hemp in a raw state. Heckled hemp and flax ropes.
LEMAIRE, Augustin ..	Belgium : Brussels ..	Chemney-piece ..	27	White and black marble chimney-pieces. Basins.
LACOCQ, H. ..	France : Rue de France, Bourgeois au Marais, Paris ..	Ornaments in stamped brass ; hot-air stoves ..	22	Mosaic square, composed of Belgian marble.
LE CONTEUR, Col. ..	Jersey ..	A series of wheats.. ..	3	Frames of ornaments in stamped brass, hot-air stoves, and various apparatus for warming houses.
LECOULTRE, A. ..	Switzerland : Sentier, Canton of Vaud ..	Watches, watch-movements, and pinions ..	10b	Specimens of wheat, grown in the Island of Jersey.
LEE, J. ..	England : 103 Long Acre ..	Wheels, axles, and railway breaks ..	5	Pocket chronometers. Watch movements and pinions.
LEMAUX, J. ..	Switzerland : Zurich ..	Model of Strasburg Cathedral ..	7	Wheels and axles. Breaks and axle-box.
LEEMPOEL, VAN DE COLNET, and Co. ..	France : Quinquengrogné, near Chapelle ..	Model of Strasburg Cathedral ..	7	Model in relief of the Cathedral of Strasburg, executed with a pen-knife in card-paper, by a working bookbinder, who was employed on it incessantly for three years.
LEES, E. and Co. ..	England : 36 King-street, Cheap-side ..	Bottle glass.. ..	24	Large and small sized bottles for all kinds of purposes.
LEES, R. and G. ..	Scotland : Galashiels ..	Printed mohair velvet ..	19	Printed mohair tapestry. Utrecht mohair velvet, mohair velvets, printed Chinese velvets of mohair.
LESON, Dr. H. B. ..	England : Greenwich ..	Specimens of tartan plaids ..	15	Plaids, shawls, and cloakings.
LEFAUCHEUX, — ..	France : 37 Rue Vivienne, Paris ..	Carbine mounting ..	2	Models, crystalline minerals, and engravings, illustrative of his system of crystallography.
LEFEBRE, T. and Co. ..	France : Moulmes-laile, ..	White lead ..	22	Lamps.
LEFEBRE, V. and Co. ..	Belgium : Chevreux-lez-Tournai ..	Wire nails and rivets ..	22	Small wire nails, called pin-nails. Nails for shoes, called becquets.
LEFEBURE, A. ..	France : Bayeux ..	White thread lace counterpane, &c. ..	19	Iron pegs. Iron nails for glaziers. Rivets : iron and brass.
LEEBUR, J. P. ..	France : 14 Rue du Paradis, Poissonnière, Paris ..	Invention forming boots and shoes ..	20	Thread lace counterpane. Alençon lace scarf and lappets, shawl, point scarf, veil, and black silk lace flouncers, black silk blonde mantle.
LEFEBURNE, Ducatteau ..	France : Roubaix ..	Vestings ..	15	Ladies' and gentlemen's screw shoes.
LEFEVRE, Elizée ..	France : Gévrolles ..	Wools ..	4	Figured woollen textures for waistcoats. Fancy articles.
LEFORT, — sen. ..	France : 12 Rue Manconciel, Paris ..	Materials for flowers ..	29	Wool in tufts.
LEGOFF, — ..	France ..	Excellent system of stopping chain-cables ..	8	Artificial flowers and fruits.
LAHREND, FALEENROTH, & Co. ..	Prussia : Haspe, near Hagen ..	Steel.. ..	1	Chain cable.
LEIGHTON, J. and J. ..	England : 40 Brewer-street, Golden-square ..	(Bookbinding in various stages, and for the restoration of fac similes of missing pages to valuable works ..	17	Rolled coils of steel produced from German steel, bars of puddling and refined steel, waggon axle of refined steel.
LEIPIC SPINNING COMPANY. ..	Saxony : Pfaffendorf ..	Merino yarns ..	12	Specimens of bookbinding and processes. Imitation of old printing.
LEISTNER, G. L. ..	France : 43 Rue de Chaillot, Paris ..	Perfumery ..	29	Illustrations of the process of worsted spinning, from the raw wool up to the finest yarn. Specimens of worsted yarns of different numbers.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
LEITENBERGER, F. . .	Austria : Cosmanos . . .	Printed calicos . . .	18	Plain and variously coloured cotton prints, printed by cylinder, hand, or perrotine. Coloured jaconets, cambrics, muslins, and printed shirtings.
LE LIEVRE, H. . .	England : Cleveland-street, Mile-end-road . . .	Stain-dyed black silk	18	Specimens of black dyed silk.
LEMAIRE, DESCHAMPS, and PLISSART . . .	Belgium : Tournay . . .	Specimens of pantaloons stuffs	15	Stuff for trousers.
LEMANN, J. and Son . .	Austria : Vienna . . .	Brocatelle embroidered in gold and silver; also broché gold on chenille and velvet grounds . .	13	Tapestry. Ecclesiastical brocades. Ecclesiastical vestments, richly embroidered with gold, silver, and imitation metal on silk and chenille.
LE MARE and Son . . .	England : 27 Spital-square . .	Black and coloured velvets, satins, moiré, and glacé silks . . .	13	Black and coloured satinette, woven by hand and power loom. Black ducape, watered, black coloured velvet.
LEMERCIER, R. J. . .	France : 57 Rue de Seine, Paris . .	Lithography and chromolithography . . .	30	Frames, with engravings.
LE MIRE and Son . . .	France : Lyons . . .	Figured silks, with their newest styles in Lampas, Damask, brocatelle, and embroidery . . .	13	Silk stuffs for furniture and church ornaments. Velvets, damasks, brocades.
LEMONIER and Co. . .	France : 1 Rue de Coq St. Honoré, Paris . . .	Ornamental hair work . .	16	Various trinkets set with hair ornaments.
LENEUSE AUSTRIAN COMPANY	Spain : Asturias . . .	Iron and steel . . .	1	Specimens of steel.
LEONHARDT, J. E. . .	Prussia : Berlin . . .	Type-founding machine . .	6	Type-founding machine, a new invention. Zinc or copper moulds may be employed.
LEOPOLD, Bernard . . .	France : Passy . . .	Double and single barrels of Damascus workman-ship . . .	8	Damascus gun and pistol barrels.
LEPAGE, — . . .	Belgium : Liege . . .	Numerous collection of sporting and trade guns	8	Complete collection of fire-arms. Double-barrelled guns, rifles, holster pistols, duelling pistols, pocket pistols.
LEPAGE, Moutier . . .	France : 11 Rue Richelieu, Paris . .	Sporting guns; ornamental arms; sword and side arms of De Luyances; Damascus of remarkable novelty . .	8	Guns, carbines, pistols, swords, &c. Damascus sword blades, and [shields].
LEPELLETIER, — . . .	Algeria : Fondouck . . .	Soft wheat . . .	3	Soft wheat, 1850.
LEPOTI, T. . .	Tuscany : Modigliana . . .	Silk . . .	4	Raw silk from the exhibitor's spinning mill.
LEQUESNE, E. L. . .	France : 3 Chausée des Minimes, Paris . . .	The dancing faun, in bronze, &c. . .	30	The dancing faun, in bronze.
LEMOULLE, Brothers . .	France : Vitry le François . .	Bronzes, &c. . .	23	Bronze clock, chandeliers, cups, lamps.
LEMOUX, — . . .	England : Bedford . . .	Salicane . . .	2	Bark of willow tree. Salicane, its active principle.
LESTEN, T. . .	France : 118 Rue du Temple, Paris . .	Wide white-thread lace . .	19	Specimens of Bedfordshire pillow lace. Improved lace fall-piece. White and black trimming and flouncing lace.
LETESTU, — . . .	England : 38 Piccadilly . .	Fire-engine . . .	5	Engines.
LEVENSON, W. . .	Switzerland : Matweh, Canton of Valais . . .	Dressing cases . . .	33	Lady's dressing-case of walnut wood, mounted in the mediæval style, in pierced solid silver, &c. Gentlemen's dressing case. Travelling
LEWIS, Brothers . . .	England : London . . .	Specimens of Turkey red . .	11	Turkey red and red-dyed cottons of various different numbers.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

LEUNENSHOLM, M...	France: Rouen ..	India-rubber braid ..	28	Braes and trimmings for tailors, &c., for ladies' dresses.
LEVER, J. and J. ..	England: 15 Sic-lane ..	Specimens of vellum and parchment for book-binding, &c ..	16	{ Writing, deawing, and binding vellum. Drum and tambourine heads, and parchment.
LEVERHAU, C. ...	Prussia: Warmelskirchen ..	Ultramarine ..	2	Different sorts of ultramarine.
LEVAY, Brothers, and Co..	France: 76 Rue des Fossés du Temple, Paris ..	Mountings ..	23	Ornamented bronzed and porcelain clocks of various kinds, vases, cups, chandeliers, &c.
LEWIS, F. and Sons..	England: Manchester ..	Wheel-cutting engine and roving spindle ..	6	Wheel cutting and dividing engine. Model of Mac Lardy's roving and slab spindle.
LEWIS, Mrs. C.	England: Duke-street, St. James's ..	Bookbinding ..	17	Specimens of bookbinding.
LIEBART-CHIFFAUX, Mme..	Belgium: Tournay ..	Specimens of pantaloons stuff ..	15	Stuff for trousers.
LIEBETTES, P.	Belgium: Gasselles ..	Wrought nails ..	22	Specimens of wrought-iron nails.
LIMNER, Duke ..	United Kingdom ..	Variety of designs..	30	Variety of designs.
LIMOGES, D.	Canada: Terrebonne ..	White peas..	3	Barrel of peas.
LINDENBERG, J.	Cape of Good Hope: Worcester District ..	Vegetable wax ..	4	Specimens of berry-wax, specimens of bees-wax.
LION, Brothers, and Co. ..	France: 9 Place des Petits Peres, Paris ..	Collection of shawls ..	15	Brocaded woollen or cashmere scarf, and square shawls.
LISON WEAVING COMPANY	Portugal ..	Cotton blankets and shawls ..	11	Cotton shawls.
LISINSKY FORESTER INSTITUTION	Russia: St. Petersburg..	Breth, oil, turpentine, &c ..	4	Turpentine and resin.
LITTLE, G. and Co.	England: 15 Fetter-lane ..	Fishing tackle ..	29	Superior fly-fishing rod. Improved cane boat or punt rod. Salmon rods, winches, fly and dubbing books, with tackle and flies.
LITTLE, Mary Ann..	England: Morton Abbey, Surrey ..	Printed silk handkerchiefs ..	18	British Barège shawls and twilled bandanas, wax and chintz print.
LIVERPOOL LOCAL COMMITTEE	England: Liverpool ..	Model of Liverpool ..	30	Model of the docks and commercial portion of the town of Liverpool, exhibiting a river front and four five miles.
LOED, W. and Co.	Wales: Newtown, Montgomery ..	Welch Flannels ..	12	Specimens of Welch flannel, all manufactured from sheep's wool.
LOED and SUMNERFIELD ..	England: Birmingham ..	Cut glass ..	24	Table and dessert service of cut and engraved glass, &c. Illustrations of flint glass manufacture.
LOED, G.	England: Southwark ..	Blowing machine ..	5	Busts of Her Majesty and Prince Albert. Centrifugal disc blowing machine.
LOED, Lt.-Col. J. A.	United Kingdom ..	Storm indicator, a typho-deictor ..	10	Typhodector, or storm pointer: an instrument for obtaining, by inspection, the bearing and relative position of a revolving storm, or hurricane, constructed in accordance with the theory, commonly called the Law of Storms.
LOED, G. B.	England: Birmingham ..	Iron lap-welded tubes for steam boilers ..	22	Lap-welded iron tubes for steam boilers; the same with fittings for conveying gas and water, and for hydraulic presses.
LOCKWOOD and KEIGHTLEY..	England: Huddersfield..	Woollen cloths and velveteens ..	12	Woollen cords, velvet and leather cloths, chiefly for trousers.
LOCOC-BÆVILLÉ, — ..	France: 50 52 & 53 Passage du Saumon ..	Assorted habit kid gloves ..	20	Kid gloves of various colours. Damasks for furniture in half silk, all silk, half wool and cotton, named Valentin, imperial, gobelin, berakan, president, rips, &c., figured lustreine, half silk; plain and figured cotton camelotons; fourfold gingham, table covers and bed covers of half-silk, half wool, and cotton damask. Glazed gingham; cravats, cotton jacquet; atlas, and half silk satin.
LOHSE, E.	Saxony: Chemnitz ..	Damask goods made with worsted and cotton, and worsted and silk..	12	

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
LOLAIGNER, —	France: Rue St. Hippolyte, Paris	Specimens of leather	16	Dressed calf, kid, lamb, and sheep-skins.
LOPEZ, J.	Sardinia: Genoa.	Fillagree	23	Works in silver fillagree. Column ornamented with emblems intended to celebrate the era of the Great Exhibition of 1851.
Lomas, J. and Sons..	England: Bakewell	Chimney-piece of black Derbyshire marble, introducing inlaid work in marble..	27	Pedestals of Derbyshire marbles. Chimney-piece of Derbyshire black marble, the frieze inlaid.
LONGKE-HARZEL, C. L.	Belgium: Roulers	Brushes	23	Brushes for clothes, hair, hats, sweeping, and other purposes.
LONDON MARBLE AND STONE WORKING COMPANY	England: Westminster	Various articles in sculptured marble	27	Grecian column chimney-piece, and hexagon and octagon Gothic fonts of white Carrara marble. Model of a bracketed staircase worked and polished by the company's machinery.
Long, George	England: Loudwater, Wycombe	Hats and bonnets made on the pillow-lace principle	20	Hats and bonnets made upon a lace pillow.
LONDEN and SONS	England: Sheffield	Cooking apparatus	22	Improved cooking apparatus. Ornamental warm-air gas stove. Specimen stair balusters, &c. Gallery front for entrance hall, &c. Perforated pedestals for hot-water pipes.
LORING, C.	America: Massachusetts	Water pails..	28	Water pails.
LORTIC, P. M.	France: 199 Rue St. Honoré, Paris	Bookbinding	17	Various publications. Fancy book-binding.
LOSEBY, E. T.	England: Islington	Compensated balance	10b	Mercurial compensation. Improved form of mercurial pendulum. An arc compensation.
LODERBACK, M. J.	America: Cincinnati	Preserved peaches	29	Specimen of preserved peaches.
LOTTE, Marquis de ..	Portugal ..	Collection of woods	4	Woods of various trees, viz: pine, plum, filbert, wild olive, chestnut, wild pine, elm, mulberry, olive, pine, beech, ash, cherry, cypress, cork, holm, poplar, oak, plantain, white acacia, walnut, orange, box, and crataegus azarolus.
LOVE, J.	Scotland: Glasgow	Gas stoves ..	22	Gas machines for heating, cooking, and lighting hotels and taverns, &c. Newly constructed grate. Machine for generating gas, and illustrating locomotive engines and carriages.
LOWE, J. and H.	England: Birmingham	Carriage lamps, &c	22	Carriage lamps, and saddler's ironmongery.
LOWELL MACHINE SHOP	America: Massachusetts	Self-acting lathe and power-loom	6	Power loom lathe, dresser, brush.
Loy, William	England: 24 King-street, Whitehall	Skates	21	Club skates, ladies' skates.
LOY, W. T. jun.	England: 69 St. Martin's-lane	Cutlery	21	Razors, curving knives and forks, and other articles of cutlery.
LYCHEN, E.	Prussia: Zwiesbrodt, near Breslau	Wool..	4	Specimens of wool.
Lucas, Brothers	France: Paris	Merino yarns	12	Samples of spun yarn and merinos.
LOEB, A.	France: 19 Place de l'Ecole de Médecine, Paris	Collection, and the great ingenuity and admirable workmanship of several instruments for operations on the eye..	10e	Surgical instruments.
Lewter, J. F. and Co.	Prussia: Krichsheide	Chemical apparatus	19	Chemical apparatus.
LUGGERS, Miss C.	England: London	Flowers in wax	29	Tableau of flowers, made all in wax, fastened with acorns and leaves.
LUGGERS, Baron von	Prussia: Berlin	Flowers ..	9	Tableau of flowers, made all in wax, fastened with acorns and leaves.

NAME.	LOCALITY.	ARTICLES REWARDED.	1883.	DESCRIPTION OF ARTICLES EXHIBITED.
LITTLE, Brothers .. LIZARD, Economical Society of the Isle of ..	Prussia : Gotthus .. Spain : Luzon .. France : Lyons ..	Woolen cloths Cigar cases Assortment of fancy silks	12 28 13	Mulberry, olive, and black cloths. { An apron ; hat dkerchiefs ; camisets ; collars and cuffs, embroidered. Dresses and shawls, with checks and stripes, woven with Judd. Cigar cases. Crown of a hat made of the filaments of Benjuico. Assortment of fancy silks.
LYONS, Chamber of Commerce M	New South Wales..	Collection of wools	4	Case, containing 152 specimens of Merino wool, derived from the late Mr. Macarthur's original flock. In 1837 the first importation into England of this wool was 245 lbs. In 1848 it was 23,091,059 lbs. from New South Wales alone (valued at more than £1,200,000); and from the whole of the Australian colonies 86,000,000 lbs.—Four views in New South Wales, one being of Camden (46 miles S. W. of Sydney), the original seat of Australian sheep husbandry, and now becoming celebrated for its vineyards.
MAC CHERLAND, Dr.	India	Isinglass from the <i>Poly-</i> <i>rhiza pectinifera</i> , robe, }	3	Specimen of isinglass.
MACDONALD, D. and J. & Co.	Scotland : Glasgow ..	Embroidered muslin, robe, }	19	{ Embroidered French cambric. Em- broidered baby-linen. Embroidered trimmings, insertions, flounces.
MAC DONALD and LESLIE ..	Scotland : Aberdeen ..	Granite vases, pedestal, &c	27	Granite vases, pedestals, and a slab for table-top.
MAC DONALD, Major C. ..	United Kingdom ..	Collection of turquoises..	1	A large series of turquoises in the matrix, in unpolished fragments, and manufactured into various ornaments.
MACDONALD, Lawrence ..	Rome	Ionic statue, in marble..	30	Ionic statue, in marble, six feet high and three feet diameter.
MACDOWELL, F.	—	Cupid, in marble, and Eve in plaster ; girl praying, in marble	30	Cupid, statue in marble. Eve, a model. Girl praying.
MAC FARLAN, J. F. and Co.	Scotland : Edinburgh ..	Chemical products	2	Series illustrative of the manufacture of the salts of morphia. Specimens of gallic and tannic acids. Specimens of sulphate of beherine and its alkaloid.
MACFARLANE, G.	England : 85 Newman-st.	An improved cornet-a- piston	10a	{ Improved cornet (cornet-a-piston), with short action valves, direct-passage of the air, and played with ease.
MAC GREGOR, J. W. ..	Scotland : Glasgow ..	Casks	28	Ship's imperial cask, brass hood and mounted. Deck buckets, &c. Imperial busket measures. Ten-gallon cask, made out of red oak staves prepared with metallic saltpetre.
MACRELL, T.	England : Carlisle-st., Soho-sq.	Saw, or Ortestome	10c	Improved method of raising fluids. Surgical instruments.
MAC HENRY, —	Borneo	Coffee	3	Coffee.
MACKENZIE, Brothers ..	India : Madras	Silks	4	Silks.
MAC KILGIAN, J.	Scotland : Piperhill, Cawdor	White wheat	3	Perennial rye-grass seeds. Samples of white wheat.
MACLEOD, W. W.	America : Charleston ..	Cotton	4	Specimens of Sea Island cotton.
MAC NAB, —	India	Indigo	4	Indigo.
MAC NAB, W.	India : Surdah	Silks	4	Silks.
MAC NAUGHTEN, — ..	Van Diemen's Land ..	Woods	4	Muskwod of Van Diemen's Land.
MAC PHERSON and FRANCIS	Van Diemen's Land ..	Wheat	3	Wheat.
MADEN, Brothers	France : Rue de Montreuil, Paris	Paper hangings	26	Stained hanging-paper.
MADRAS POTTERY	India	Terra cotta	24	Terra-cotta articles.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
MADRID, the Cabinet Botanical Garden of..	Spain: Madrid ..	Collection of Cuba woods	3	Collection of specimens of woods employed in the island of Cuba, for construction and other purposes.
MAES, J.	France ..	Prism of zinc glass	10	Prism of zinc glass.
MAGNIN, J. V.	France: Clermont Ferrand ..	Maccaroni, vermicelli, and hard wheat of Auvergne..	3	{ French alimentary pastes, named <i>pâtes d'Italie</i> , and flours. Specimens of hard red wheat.
MAGNUS, G. E.	England: Pimlico ..	Enamelled slate ..	27	Manufactures in slate. Enamelled slate, representing various marbles inlaid after Florentine mosaic.
MAHILLON, C.	Belgium: Brussels ..	Clarinets, and a trombone and ophicleide ..	10a	Counter-bass, violoncello, bugles; bass ophicleide, trombone, horn, trumpets, bugle-horn, clarinets.
MAILLE and SECOND..	France: 14 Rue St.-André-des-Arts, Paris ..	Wine vinegar aromatized	3	Vinegar. Mustards. Fruits preserved in vinegar.
MAIR, J., Son, and Co.	Scotland: Glasgow ..	Cheap window curtains by a new arrangement of the Jacquard loom ..	11	Muslin window-curtains. Leno window-curtains; and muslin dresses figured in the loom. Muslin made from cotton yarn, believed to be the finest ever made. Scotch needle and tambour work. Printed flannels, twilled bandannas, and cambric handkerchiefs.
MAIR, J., Son, and Co.	England: 60 Friday-st. ..	Three muslin robes	19	As above.
MAJOR and GILL ..	England: Manchester ..	Loom-made double coutils and nankeens for corsets	11	{ Double coutils and nankeen for stays, consisting of two cloths, woven together, and stitched during weaving.
MAKIN, W. ..	England: Sheffield ..	Rag knives ..	21	Paper-mill, rag-engine, roller-bars, and bottom-plates, for grinding ropes, rags, and other materials into pulp. Knives for rope and rag-cutting machines. Tobacco and snuff knives. Millers' best refined cast steel chisels and picks, &c. Samples of steel used in the various branches of the manufactures of Sheffield.
MALAPANE, Royal Foundry at	Prussia: Malapane, near Opeln	Zinc ..	1	Pair of hard cast-iron cylinders. Samples of ores and other materials and products derived from them by charcoal furnaces at the Royal Iron Works, at Malapane. Red and white calamine from the mines at Scharley, and the Calamine Works, near Beuthen, in High Silesia. Zinc in drops; white zinc (oxide of zinc); cadmium (metal.)
MALATINZKY, E. ..	Austria: Miskolcz..	Richly embroidered overcoats, &c..	20	Hungarian national dresses, called Szál.
MALLAT, J. B. ..	France: 5 Rue Neuve St. Francois, Paris ..	Metallic gilt pens, &c. ..	22	Mechanical clock. Hoop dancer. Everlasting pens.
MALLET and BARTON ..	England: Nottingham ..	Imitation black trimming laces, &c. ..	19	{ Silk lace. Imitation Valenciennes. Cotton laces, hand and machine-wrought.
MALLET, Brothers ..	France: Calais ..	Specimens of Valenciennes lace and lappets..	19	Calais Valenciennes, made by machinery. Model of a lace-machine.
MALLET, — (of Messrs. Vantroyen and Mallet)	France: Lille ..	Yarn ..	11	Cotton-yarn for muslins. Water-twist glazed for lace and bobbinet. Dyed and bleached yarns, glazed yarn, (imitation of silk).
MALO, DIESON, and Co. ..	France: Coudekerque Branch, near Dunkerque ..	Canvas ..	14	Flax spinning mills, and manufacture of canvas for sails. Sail-cloth for merchant vessels and men-of-war.
MAME and Co. ..	France: Tours ..	Printing and bookbinding	17	Various illustrated works, bound or half-bound.
MANN, Capt. G. W. (representatives of)	England: Great Yarmouth ..	Mortar apparatus for saving illustrations of buildings, with a lens, &c. ..	8	Life-boat and mortar apparatus.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
ANLOVE, ALIOTT, & SEVING	England : Nottingham ..	Centrifugal washing and drying machine ..	6	{ Centrifugal machines for washing and drying clothes ; for drying starch, &c., and purifying sugar. Files, screws, and steel. Prime Siegen rough steel, manufactured in [Remscheid. Ornamental stoneware. Samples of the processes followed in the mining works for obtaining copper and silver. Samples of copper. Samples of Natal cotton. Assortment of cutlery, including sporting and pocket knives ; pen-making machines, gardeners' knives, table cutlery, razors and scissors in great variety. Chimney-pieces, grates, fire-irons, &c. Brown's economical cooking apparatus. Open fire cooking range. Scales, weighing-machines, iron bedsteads, &c. Stocks and dies for iron gas tubing, and for engineers' and whitesmiths' work. Model of a steam-engine furnace, with Bedington's patent smoke consumer. Mosaic table, carved ; work-table, book-case, Mosaic flooring, Mosaic backgammon board, vase, mounted with sphere. Gilt bronze candelabras and pendulums, with marble pedestals. Instruments for the blind. Frame for a glass plate, in wood, carved by the exhibitor.
MANNESMANN, A. ..	Prussia : Remscheid ..	Files ..	21	
MANSARD, M. ..	France : 93 Rue Richelieu, Paris ..	Stoneware ..	25	
MANSFELD, the Combined Mining Works of ..	Prussia ..	Copper and copper smelting ..	4	
MANTZ, C. ..	Cape of Good Hope : Cape Town ..	Cotton ..	1	
MARTIN and Brothers ..	England : Sheffield ..	Cutlery ..	21	1. Model of Her Majesty's iron screw steam-yatch Fairy. 2. Models of iron steam vessels built for the Emperor of Russia, and the Viceroy of Egypt. Painted window glasses : 1. St. Charles administering the communion to the plague-stricken. 2. A burgomaster. 3. A rose of the 13th century. Machine for mincing and mixing meats, soaps, pastes, and vegetables. Sculptured baptismal font in Caen stone. Embroidered Pinè muslin dress, manufactured from the fibre of the pine-apple. Spa-wood table, work-box, tea-chest. Epithems for medical, surgical, and veterinary purposes. Impermeable Spongia-piline, for applying heated fluids to the body, in lieu of poultices and fomentations. Water dressing, and pline. Superfine broad-cloth, wool-dyed, woaded black, &c., superfine doe-skin and cassimere. Wrought-iron fire-proof strong room, with double chamber wheel-action detector lock.
MATZBEACH and LOWE ..	England : Birmingham ..	Cooking apparatus ..	22	
MARCELIN, — ..	France : 40 Rue Basse-du-Ram-part, Paris ..	Inlaid mosaic table ..	26	8 30
MARCIANT, J. B. ..	France : 57 Rue Richelieu, Paris ..	Bronzes, various (and special approbation) ..	22	
MARCHEST, G. B. ..	Austria ..	Instruments for the blind ..	10	
MARCHETTI, L. ..	Tuscany : Siena ..	Carved frame ..	26	
MARE, C. J. and Co. ..	England : Blackwall ..	Models of sailing steam vessels, both paddle and screw ; ditto of yachts, designed and built, for various merchant services ..	26	
MARECHAL and GUYTON ..	France : Metz ..	Painting on glass ..	30	6 27 19 28 4
MARESCIAL, J. ..	France : 82 Rue du Faubourg St. Martin, Paris ..	Machine for mincing meat ..	6	
MARGETTS, T. K. & EYLES, H. ..	England : Oxford ..	Font in Caen stone ..	27	
MARGUERITE, SIGNORA ..	Spain : Manilla ..	A dress of fibre from the pine-apple ..	19	
MARIN, J. E. ..	Belgium : Spa ..	Spa-wood boxes ..	28	
MAREWICK, M. ..	England : 32 King William-st. ..	Spongio-piline fabric ..	4	12 22
MARLING, S. S. and Son ..	England : Stroud ..	Woollen cloths ..	12	
MARR, W. ..	England : 59 Cheapside ..	Safes ..	22	

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

MASSEY, J. P.	England: Birmingham ..	Naval brass works	22	Specimens of bronzed scroll ornaments. Naval brass foundry, consisting of ship-scuttles. Glass deck lights. Gun-hole screw valves. Ordnance metal pulleys with anti-friction rollers.
MARROTT, W.	England: 88 Fleet-st.	Weighing machine	22	Platform weighing machine, showing the weight of various European countries; dial weighing machine, domestic telegraph.
MARSAUX and LEBRAND	France: 14 Rue de la Perle, Paris	Stamped copper for decoration	22	Articles of stamped copper for decoration.
MARSDEN, Brothers, and Co.	England: Sheffield	Joiner's tools	21	Royal Albert and other skates. Joiners', carpenters', and cabinet-makers' tools, of the best manufacture. Botanical and horticultural tools.
MARSHALL and Co.	England: Leeds	Preparation of China grass	14	China grass and Courtrai flax, dressed and manufactured.
MARSHALL, E. S.	England: 31 John-st., Tottenham	Gold leaf	23	{ Gold-leaf and Dentists' gold-leaf, various. Illustrations of the malleability of the various metals. Goldbeaters'-skin.
MARSHALL, R.	Canada: Court-road	Dinner mats	28	Dinner mats.
MARSHALL, W. C.	England: 47 Ebury-st., Finsbury	Sabrina, in marble	30	Sabrina, from Milton's Comus.
MARTIN, W. and Son	England: Eolton	Furniture dimities	11	Damask, diced and plain furniture dimity.
MARTIN and CASMIR	France: Tarare and Metz	Black silk plush	13	Silk plush for gentlemen's hats.
MARTIN and GRAY	England: Birmingham	Carriage lamps	22	Gas chandelier, finished in gold colour and artistic bronze. Pattern finished in artistic bronze & gold colour relief. Gas brackets. Carriage lamps.
MARTIN, Stephen	England: Sheffield	Razors	21	Specimens of various kinds of razors, manufactured from Sheffield steel.
MARTIN, M. C.	Prussia: Cologne	Eau de Cologne and Melisse water	20	Eau de Cologne. Carmelite spirit of Melisse.
MARTINEZ, P.	Spain: Valencia	Hemp	4	Samples of hemp cordage, thread for sail-making, sail-cloth, and cotton-stuff.
MARX and WERGERT.	Prussia: Berlin	Utrecht velvet and shawls	15	Cashmere shawls in sundry colours and designs. Mohair, woollen, and cotton velvets.
MARYLAND, the State of	America	Collection of produce	4	Cabinet made of Maryland woods.
MASSE, V. TRIBOULET, & Co.	France: Neuilly-sur-Seine	Stearic candles by the process of distillation, and fat acids recovered from waste lyes	29	Stearic acids; wax candles.
MASSEY, W., and Co.	England: 58 Baker-st.	Brass flower stand	22	Stands for flowers, of different sizes, made of brass, by hand.
MASSEZ, —	France: 24 Rue Aubrey-le-Bocher, Paris	{ Excellence of production of boots and shoes	20	Boots, and shoes, buskins, and slippers.
MASSING, Brothers, HUBERT, and Co.	France: Lutetange, Lyons, and Tarare	Assortment of black silk plush	13	Silk plush, made use of by hat-makers.
MASSUE, L. J.	France: 3 Rue Aumaire, Paris	Ivory combs	29	Ivory combs of every description.
MASTERS, T.	England: 309 Regent-st.	Ice apparatus	22	Freezing, heating, and cooling apparatus. Knife-cleaning and straining machines. Anti-corrosive self-acting taps.
MATUES and WEBER.	Prussia: Duisburg-sur-Rhine	Chemicals, &c.	2	Muriatic acid exempt from iron and sulphurous acid. Bleaching powder. Sulphate of soda. Soda crystals, soda ash, carbonate of soda, caustic soda.
MATHEVON and BOUTARD	France: Lyons	Specimens of rich silks	13	Figured satins, for upholstery, dresses, and waistcoats.
MATNEY and Son	Switzerland: Locle	Cylinder of rolled steel for watch springs	22	A cylinder of rolled steel for watch springs.

DESCRIPTION OF ARTICLES EXHIBED.

LOCALITY.

ARTICLES REWARDED.

NAME.

MATHIESON and Son	Scotland : Glasgow	Jeweller's tools	21	Assortment of leucos and bits. Fine-forte maker's key-tools ; turning and carving tools, &c. Fit ploughs. Sash and side fillisters. Marbles.
MATHIEU, Robert	France	Merinos	12	Shawline in lumps, and steaming candles.
MATSEN, A. and Co.	Russia : St. Petersburg	Stearic candles	29	Instrument for finishing requiring the aid of heat. Inhaler, for administering colloidum in surgical operations. Inhaler, for hydro-cyanic acid, cyanide, &c. Improved stethoscope. Specula for the ear, &c. Gilbert's patent fulcrum and chair, for extracting teeth. New swinging apparatus for fractured legs. Table knives.
MATTHEWS, W.	England : 10 Portugal-st., Lincoln's Inn	Table cutlery	21	String box, cabinet shape. A double-vented iron scrutoir. Polished steel pen five place, style Louis, XV. ; and stove.
MATTHEWS, J.	Belgium : Brussels	Strong box and polished stores	22	Paper of various qualities. Imitation of China-paper. Various sorts of writing, painting, hanging, analysing, and flower papers. Imitation of linen, in paper.
MACLEAN & VINCENT JOURNET	France : Souche	Printing paper	17	Specimens of what artificially hybridized, showing that its exterior form can be modified.
MACLEOD, B.	England : Bromsgrove	Hybrid wheats	3	Small wood table, with miniature dessert set, turned in ivory. Machine applicable to flour-mills.
MAENDER, J.	England : Lancaster	Turning in ivory	23	Chemical preparations.
MATZKE, J. N.	France : Chartres	Friction clutch	5	Japanned and enamelled hides, black and in various colours, for saddles and coach work. Dyed calf-skins, morocos, roans, and split sheep-skins, dyed. Black japanned calf-skins, enamelled goat and calf-skins, black and coloured. Japanned calf-hides, hides for bridles, stirrups, and saddles.
MAY and BAKER	England : Battersea	Chemicals ; mercurial preparations	2	Earthenware table-ware. Toilette and dessert ware. Garden and rustic seats. Finger-plates and door furniture, enamelled and gilt.
MAYER, MICHEL, & DENINGER	Grand Duchy of Hesse : Mentz	Japanned and varnished hides and calf leather, and for Morocco, roans, and shivers	16	White stone-ware. Parian ware. Bust of Wesley.
MAREK, T. J. and J.	England : Longport, Burslem	Earthenware	25	Fancy papers. Specimens of engraving and lithography, fans, paste-board, and sweetmeat envelopes.
MAYER, Mme. T.	France : 22 Rue de la Vieille Monnaie, Paris	Fancy ornaments for confectioners	17	Syphon vases, for containing aerated mineral waters.
MAYO and Co.	England : 17 Silver-st., City	Vases for mineral waters	27	Cotton table-cloths. Bird's-eye diaper and buckabuck travelling furniture and jean stripes. Gingham, &c. ; all made by power-loom.
Mc BRIDE and Co.	Scotland : Glasgow	Cotton diaper woven by power	11	Table-cloths and tartans, the web being from home.
Mc CAY, Thomas	Ireland : Lisnashanker, Dromore	Fronting linen made of mill-spun warp, and hand-spun weft	14	Bleached linen and linen netting.
Mc CONNELL, J. E.	England : Wolverton	Corrugated iron railway carriage	5	Railway passenger carriage.
Mc DOWELL, D.	Scotland : Inverness	Hosiery knitted by the Scotch peasants	20	Tartan plaids. A Shetland knitted shawl. Highland carpet, made from first-class Sutherland Cheviot wool. Plaid and tweed manufactured at St. Kilda, the most remote of the British islands. Home-made gloves of wool, and of wool of the white mountain hare. A woman's shoulder plaid, &c., showing the state of industry in Lewis eighty-three years ago. Linsey-woolsey, made of Cheviot

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
Mc DOWALL, Charles	England: 4 High-st., Bloomsbury	Escapement (clock)	10b	wool and bog-cotton. Tweed, &c., made of Vicuna wool. High-
Mc GEE, Jno. G. and Co.	Ireland: Belfast ..	Waistcoat pieces ..	20	land brooches, made of carved bog-oak, deer's teeth, and Cairngorms.
Mc KENZIE, W. B. ..	Scotland: Edinburgh ..	Shetland knitted shawls	20	Highland ornaments. Yarns, showing native dyes; native dye-stuffs.
Mc MURRAY, T. and Co.	Ireland: Dromore ..	and hose ..	14	Specimens of rock crystal, or Cairngorm, from the mountain of that
M'CREA, H. C. and Co.	England: Halifax ..	Fine linens ..	12	name in Inverness-shire.
MEARS, C. and G. ..	England: 267 Whitechapel-road	Damasks ..	22	Clock movement, with a dead escapement, of a new construction.
MEHRDRETZ-DEZAIRLOGLU	Turkey ..	Balls ..	4	Embroidered vests.
MEDINA DEL CAMPO, the	Spain ..	Silk ..	3	{ Articles knitted by the hand in the Shetland islands, from the wool of
MAYOR of	France: Anzin ..	Wheat	1	their sheep.
MEHU, J. M. F. ..	France: Anzin ..	Apparatus for raising	1	Bleached and unbleached linen.
MEIER, F. ..	France: 17 Rue Tronchet, Paris	miners and materials ..	1	Furniture damasks, piece and yarn dyed. Table covers. Poncho
MEIGH, C. and Sons ..	England: Hanley, Staffs. ..	Workmanship in ladies'	20	stuffs, all worsted, used in South America.
MEINERT, Brothers ..	Saxony: Oelsnitz ..	shoes ..	20	Hemispherical bell, five feet in diameter.
MENING, C. ..	England: 103 Leadenhall-st. ..	Woollen shirts for exportation	20	Raw silks and cocoons.
MEISNER, F. T. ..	Saxony: Grossenhain ..	Collection of grindstones, hones, &c. ..	1	{ Wheat.
MEISSONIER, Charles	France: 8 Rue Meslay, Paris ..	Woollen cloths for exportation	12	{ Apparatus for the extraction of ores; the free and safe ingress and
MELOTTE, E. ..	Belgium: Brussels ..	Chemical products ..	2	egress of miners in and from the mines.
MENE, P. J. ..	France: 7 Faubourg du Temple, Paris ..	Gold embroidery ..	19	Half boots, slippers, and shoes of various kinds.
MENET, Jean ..	France: Beaulieu and Annonay	Bronzes of boar hunt, &c. Organzine, both white and yellow ..	22	Lotus candlesticks and jugs. Flower-pots and stand. Vases, &c., in
MENVILLE and ROBERT	France: Manosque ..	Silk ..	4	porcelain. Statuettes, candlesticks, &c., in Parian and terra cotta,
MENGHUS, Brothers	Prussia: Viersen ..	Plain and fancy velvets, ..	13	woollen shirts and articles of hosiery.
MENIER and Co.	France: 37 Rue St. Croix de la Bretonnerie, Paris ..	Pharmaceutical extracts	2	{ Circular grindstones, for glass, mineral teeth, fine tools, &c. Grind-
MERAUX, J. H. ..	France: 7 Rue de la Jussienne, Paris ..	Patterns for flouncings, handkerchiefs, lappets	19	ing lathe, &c. Circular and flat oilstones.
MENCHER, St. ..	Switzerland: Geneva ..	Watches ..	10b	Cloths, thin black, coloured, olive and black; thick, black and bronze.
MENCHES, J. J. ..	Switzerland: Lavausanne, Canton of Vaud ..	Carried calf-leather	16	Colours and dyes.
MERCER, P. E. ..	France: 109 Faubourg St. Antoine, Paris ..	Ebony cabinet	26	Embroidered flag.

wool and bog-cotton. Tweed, &c., made of Vicuna wool. High-land brooches, made of carved bog-oak, deer's teeth, and Cairngorms. Highland ornaments. Yarns, showing native dyes; native dye-stuffs. Specimens of rock crystal, or Cairngorm, from the mountain of that name in Inverness-shire.

Clock movement, with a dead escapement, of a new construction. Embroidered vests.

{ Articles knitted by the hand in the Shetland islands, from the wool of their sheep.

Bleached and unbleached linen.

Furniture damasks, piece and yarn dyed. Table covers. Poncho stuffs, all worsted, used in South America.

Hemispherical bell, five feet in diameter.

Raw silks and cocoons.

{ Wheat.

{ Apparatus for the extraction of ores; the free and safe ingress and egress of miners in and from the mines.

Half boots, slippers, and shoes of various kinds.

Lotus candlesticks and jugs. Flower-pots and stand. Vases, &c., in porcelain. Statuettes, candlesticks, &c., in Parian and terra cotta, woollen shirts and articles of hosiery.

{ Circular grindstones, for glass, mineral teeth, fine tools, &c. Grind- ing lathe, &c. Circular and flat oilstones.

Cloths, thin black, coloured, olive and black; thick, black and bronze. Colours and dyes.

Embroidered flag.

Bronzes: boar hunting, stag hunting, mare and foal.

{ Yellow and white organzines of different qualities and preparation, yellow and white wool; yellow and white spun raw silk skeins.

Three skeins of raw silk.

{ Silk and terry velvet of different colours, and moleskin and stamped velvet. Silk ribbons.

Drugs prepared by steam. Chocolates. Pearl and shelled barley. Gruel.

Designs for lace manufacturers and fancy net.

A chronometer. Half chronometer for the use of the deaf and dumb.

Watch.

Calf and Morocco leathers; boot legs, fronts and backs; chamois, cow and goat skins, &c.

Drinking-room furniture. Cupboard with mirrors. Bed. Chest of drawers.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
MERCIER, C. V. ..	France: 28 Rue des Gravilliers, ..	{ Tortoise-shell and horn } { snuff-boxes }	29	Tortoise-shell snuff-boxes; ditto, wood and ivory; rhinoceros, palm-tree, olive-tree, and rose-tree woods.
MERCUIN, H. J. ..	Algeria: Chercas	Oils	4	Odoriferous essences.
MEREDITH, J. H. ..	England: Powey, Cornwall ..	Slabs of porphyry	27	Slabs of black, red, and green porphyry. Tessellated porphyry table, containing 54 specimens of native stones from Witul.
MERKLINGHAGS and WEX ..	Prussia: Barmen	Dressed hides, manufactured for saddlery and harness	16	Dressed hides.
MERLE-LEFEVRE and Co. ..	France: Ingouville	Cordage	14	Cables and cordage.
MELLIN, A. and V. ..	Russia: Riazan	A long, white embroidered shawl	15	A shawl.
MERO, C. D. ..	France: Grasse	Essential oils	4	Various essential oils and perfumery.
MERSEY IRON COMPANY ..	England: Liverpool	Patent rolled iron for ship-building	5	Samples of rolled iron.
MERYWEATHER, J. B. ..	America: Alabama	Cotton	5	Specimens of cotton, rice, hominy, flour.
MERYWEATHER, M. ..	England: 63 Long Acre	Fire engine	4	Powerful fire-engines.
MESSAT, AUG. ..	Austria: Vienna	Figured tafetas, gauze, and crepe ribbons	5	Garden-engines. Leather hose. Firemen's helmet, tools, &c. Fire escapes.
MESSENGER and Sons ..	England: Birmingham	Bronzed and lacquered lamps (and special ap- probation)	13	Silk ribbons. Domestic groups of the Queen and the Prince of Wales, in or-molu and bronze. Portion of a chandelier in bronze. Ornamental designs in or-molu and bronze. Station-signal, and tail-lamps; hand signal-lamps; roof lamp for carriages; carriage lamps; gas-fittings; engine cocks.
MESTIVIER and HAMOIR ..	France: Valenciennes	Cambrics	22	Linen fabrics, pieces of cambric and lawn.
METTERNICH, Prince ..	Austria: Pils	Stove for hunting seat	22	Cast-iron stove for a hunting seat.
MEYSEN, G. ..	Prussia: Dülken	Flax	4	Thread and raw flax. White embroidering yarn. Crochet thread, &c. The threads of German and English machine-spun and German hand-spun yarns.
MEXANCES and Son.. ..	France	Extra fine embroidered silk hose	20	Embroidered silk hose.
MEYER, S. and M. ..	England: Bow-lane, City	Manufactured articles made from the skins of the rabbit	16	Dressed English rabbit-skins, riding boas, muffs, gloves.
MEYER, C. ..	America: Philadelphia	Two pianofortes	10a	Pianofortes constructed with iron-plate frames, particularly adapted to damp and warm climates.
MEYER, H. C., jun.. ..	Hamburg	Walking canes	29	Large, square & small pattern cards, containing: 500 walking-sticks. Samples of ivory, whalebone, rattans, &c., cut very fine. Whips and rods. A glass case of stick button and caricatures cut out in bone, ivory.
MEYERS, B. ..	England: 13 Crutched Friars ..	Collection of sticks	29	Specimens of English sticks, rough and manufactured. Rattans from India &c. rough and manufactured canes; bamboos, rattans; Spanish, Chinese, and American reeds; sticks from West Indies; and articles made of the same.
MEYERs, Nephews ..	Austria: Adolf and Leonorenhain ..	Bohemian glass	24	Glass flower vases, of various kinds and sizes; centre-pieces, candleabra, sugar-basins, jewel-stands, milk-jugs, jugs, candlesticks, decanters.
M'GREGOR and LEE.. ..	America: Cincinnati	Bank lock	22	Improved bank lock.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
MICHEL, A.	France : Puteaux près, Paris	Extracts : colouring woods	2	Bottles containing various extracts of the colouring matter of dye woods.
MICHELIN, T.	France : 139 Rue Montmartre, Paris	Fancy ribbon, trimmings for dresses and cloaks. . . .	19	Silk and velvet ribbon.
MIDDLEMORE, W.	England : Birmingham	A lady's embroidered saddle, and ditto with elastic seat ; also mounting-rein for unbroken horses	16	Gig harness. Saddle with elastic seat. Embroidered lady's saddle. A new mounting-rein for unbroken horses. Shot-pouches.
MESSECH, A.	Austria : Vienna and Pesth	Bricks and brick clay	27	{ Bricks, roofing-tiles, and draining tiles of clay, from Ingersdorf, near Vienna, and Kakos, near Pesth. Hollow bricks for building arches, made by machinery.
MIGUEL, E. de	Spain : Madrid	Iron bedsteads, &c. (and special approbation)	22	Iron bedsteads, and bed-room stand, with gilt and inlaid ornaments
MILES, S.	England : Bunhill-row	Collection of articles of dress	20	A variety of Berlin wool-work.
MILANE, P.	Rome	Hand-made plate and writing papers	17	Samples of paper made of flax and hemp.
MILLER and HALL	United Kingdom	Excellent cashmerettes	15	Cashmerettes.
MILLER and SONS	England : 179 Piccadilly, & 870 Oxford-st.	Signal lamps, &c.	22	Admiralty regulation lights. Ship, carriage, railway, police, and reading lamps.
MILLER, G., jun.	Russia : St. Petersburg	Inlaid floor	26	Coloured inlaid floors of various designs.
MILLER, T. J.	England : Westminster	Large block of refined spermaceti, and specimens to illustrate the process of spermaceti refining	29	{ Spermaceti oil from the south seas. Spermaceti, rough, filtered, and refined. Crystallized mass of refined spermaceti.
MILMAN, — jun.	France : Marseilles	Marseilles soap	29	Various samples of soap.
MILLIGAN, W., and Son	England : Bingley	Embroidered alpaca goods, under a patent process of the exhibitor's	12	{ Embroidered alpaca, and silk furniture-cloths, satin striped dresses, goods, damask, &c. Alpaca program coatings. Mohair mixtures. Specimens of alpaca and mohair in the various stages of manufacture. Small cask of biscuits, made of Tasmanian flour. Common seamen's and fine ship biscuits.
MILLIGAN, A. M.	Van Diemen's Land : Launceston	Biscuits	3	A very extensive collection of the raw products of Van Diemen's Land.
MULLIGAN, J.	Van Diemen's Land	Collection of raw produce	4	Fleeces, long wool, grown in the counties of Meath and Wicklow.
MULLNER, R.	Ireland : Dublin	Collection of Irish woods. . . .	12	Fleeces long & short wool mountain, grown in the county of Wicklow.
MILLS, R.	Wales : Swansea	Plan for opening and closing doors in mines	1	Model for opening and closing doors, for mining purposes, by a reversal of levers, without the aid of boys.
MILLY STEARINE CANDLE CO.	Austria : Vienna	Stearic candles, by the process of saponification and distillation	29	Stearine and stearic candles.
MILNER and Sons	England : Liverpool, Manchester, and London	Safes.	22	Holocaust and fire-resisting safes.
MILTON, P. D., sen.	France : 98 Rue St. Honoré, Paris	Workmanship of hosiery	20	Silk stockings. Trouser, babies' clothes, and various articles of British hosiery in case ; bee-hives, and bees at work in glass hives.
MURSON, A. M.	England : 10 Great Marylebone-st.	Improved cottage hive	3	Improved various botanical specimens, modelled in wax from life, showing their growing state, and exhibiting the varieties and phases of their existence.
MURKINS, A. M. H. Elizabeth and Rebecca	England : Gateshead	Caveaus made with bands	14	
	England : 38 Soho-square	Flowers in wax	49	

NAME.	LOCALITY.	ARTICLES REWARDED.	CASE.	DESCRIPTION OF ARTICLES EXHIBITED.
MUSCHER, Brothers .. MURPHY, Brothers ..	France : Rouen .. France : Rue d'Angoulême du Temple, Paris ..	Cured clothing Imitation bronzes	6 .. 29 ..	Cardis made with machinery, Pendulums and chandeliers, men of France and England. Bronze statuettes. The same in im- tation of bronze.
MITCHELL, Rev. W. ..	England : St. Bartholomew's Hos- pital ..	Models of crystals Metallic pens	10 .. 22 ..	Models of all the primary and secondary forms of crystals. Self-adapting pens and holder, and steel pens in great varieties. Metallic pens and pen-holders.
MITCHELL, J. .. MITCHELL, W. .. MIRONOWSKY, Count Anton Von M'NICHOLL and VERNON ..	England : Birmingham England : Birmingham Austria : Grossherlitz England : Liverpool	Wools Steam traversing crane Alum	4 .. 5 .. 2 ..	Pure stock merino sheep-wool. Steam travelling crane for railways, and for loading and discharging the cargoes of vessels. Crystallized alum, raw alum shale, calcined shale, alum meal and finished alum. Sulphate of magnesia, rough and refined. Ammonia and magnesia, for manure. Figured gros de Naples ribbons, and satin ribbons.
MOORELEY, W.	England : Landsead, near Whitby ..	Figured and chineé ribbons Assortment of canvas, of tow, flax, and hemp, and railway waggon cover- ings	13 .. 14 ..	Unbleached flax linen. Mosaics. Temples of Pestum. A circular table ; and a square, re- presenting St. George.
MOREING, Charles .. MOERMAN-VANLAERE, J. ..	Austria : Vienna Belgium : Ghent	Light cloths and kid boots Plain velvets, and for rich figured velvet for furni- ture	27 .. 20 ..	White satin boots. Boots of chamdis and enamelled leather. Clogs. Calf-leather boots of ordinary appearance, though fitted for a de- formed foot.
MOGLIA, Luigi	Rome	Silk	13 ..	Black silk-velvet pieces, antique style. Silk-velvet, silk damask, satin stuff, &c., for furniture and hangings.
MOHR, W. MOLINARI, A.	Prussia : Berlin Sardinia : Genoa	Fabrics of worsted mixed with silk, much used for foreign consumption Cut glass Porcelain vases, pocket- books, and dressing- cases	4 .. 12 .. 24 .. 17 ..	Specimens of cut, engraved, and coloured glass ; consisting of jugs, cobbets, decanters, finger-basins, glasses, flower and other vases, fishes, counter-pieces. Various patterns of tea-caddies. Cigar, card, counter, and work- boxes, in yellow and white varnished wood, with steel mountings. Six ingots of cast-iron for gun-barrels.
MOLINER, L. MOLLER-WAEME, Brothers ..	France : St. Jean-du-Garde France : Amiens	Quality of iron Four cottage piano-fortes Painted ceiling Dolls Figures, illustrative of Mexican life	1 .. 10a .. 26 .. 29 .. 29 ..	Decorations for a vaulted ceiling of a library. Model wax dolls, the hair being inserted into the head, eye-lashes, and eye-brows, and varying in size. Model rag dolls. Figures illustrative of Mexican town and savage life. Spirings for watch-work, lumps and musical instruments, and various other springs.
MOLNEX, WEBB, and Co. .. MONCH and Co.	England : Manchester Duchy of Hesse : Offenbach ..	Quality of iron Four cottage piano-fortes Painted ceiling Dolls Figures, illustrative of Mexican life	1 .. 10a .. 26 .. 29 .. 29 ..	Decorations for a vaulted ceiling of a library. Model wax dolls, the hair being inserted into the head, eye-lashes, and eye-brows, and varying in size. Model rag dolls. Figures illustrative of Mexican town and savage life. Spirings for watch-work, lumps and musical instruments, and various other springs.
MONCHEUR, F. and A. .. MONTAL, C.	Belgium : Andennes France : 5 Boulevard Montmar- tre, Paris	Quality of iron Four cottage piano-fortes Painted ceiling Dolls Figures, illustrative of Mexican life	1 .. 10a .. 26 .. 29 .. 29 ..	Decorations for a vaulted ceiling of a library. Model wax dolls, the hair being inserted into the head, eye-lashes, and eye-brows, and varying in size. Model rag dolls. Figures illustrative of Mexican town and savage life. Spirings for watch-work, lumps and musical instruments, and various other springs.
MONTANARI, A. MONTANARI, A. MONTANARI, N. MONTANDORI, Brothers ..	Austria : Milan England : 25 Upper Charlotte-st. As above France : Paris	Quality of iron Four cottage piano-fortes Painted ceiling Dolls Figures, illustrative of Mexican life	1 .. 10a .. 26 .. 29 .. 29 ..	Decorations for a vaulted ceiling of a library. Model wax dolls, the hair being inserted into the head, eye-lashes, and eye-brows, and varying in size. Model rag dolls. Figures illustrative of Mexican town and savage life. Spirings for watch-work, lumps and musical instruments, and various other springs.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
MORIN, —	Algeria: El Biar	Cottons	4
MORLAND, J. and Son	England: 50 Eastcheap.. ..	Umbrellas and parasols	29
MORLEY, I. and R.	England: London & Nottingham	Silk and cotton hose of the best quality	20
MORNIER, F.	France: 31 Rue Mondétour, Paris	Galloons and buttons	19
MORRIS, JONES, and Co.	America: Philadelphia	Plate iron	1
MORRIS, R.	Canada: Montreal	Set of double-sleigh harness	16
MORSON, T. and Son.	England: Southampton Row	Organic products	2
MORTIMER, T. E.	Scotland: Edinburgh	Guns, rifles, and pistols	8
MORTON, S. and H.	Scotland: Edinburgh	Model of patent ship for ships of the largest class	7
MORTON, J. and G.	England: 8, Great Turnstile, Lincoln's Inn	Table knives	21
MOSELEY and Sons	England: 17 and 18 New-street, Covent-garden	Planes	21
MOSES, Son, and DAVIS	New South Wales	Tallow	4
MOSEMAN, W.	England: Pentonville	Brass candlesticks	22
MOTALA IRON & ENGINE WORKS	Sweden: Ostergöthland, Motala	Iron, quality of	1
MOTARD, A. and Co.	Prussia: Berlin	Stearic candles by the processes of saponification and distillation	29
MOTTER, C.	France: Rue des Trois Bornes, Paris	Dyes	4
MOULARD, Mlle.	France: 35 Rue Montmartre, Paris	Lace head-dress, caps, &c.	19
MOUTON, S. G.	America: New York	India-rubber goods	28
MOUREAU, —	France: 27 Rue du Mail, Paris	Stuffs for furniture, hangings, screens, table-covers, &c.	12
MOUREUVE and Co.	Turkey	Silks	23
MOUTRIE, le Page	France: 11 Rue Richelieu, Paris	Handle of hanger	23

Tobacco in leaves, called Philippin. Hashed tobacco. Cigars. Juncal cotton, 1850. Silk in cocoons, and spun silk.

Umbrellas and parasols.

Specimens of cotton and lisle thread stockings; Ballbrigan stockings; silk stockings; silk gloves and socks; Derby-ribbed socks, lisle thread socks; half-hose; merino half-hose, spun silk shirts.

Galloons and silk buttons.

Specimens of the best hanging boiler-plate iron. Specimens of the best hanging boiler-plate iron and hammered bar-iron. Specimens of the iron-ore and limestone used at the furnace, and the pig-iron made from it by charcoal. Specimens of machine-made cut nails.

Set of double carriage harness.

Specimens of crystallized salts of morphine, strichnine, cinchonine, with the pure alkaloids from which they are obtained, of pure aconita and veratrica, gallic, tannic, and meconic acids, pyrogallac and pyro-meconic acids, kreosote.

Double rifle. Fowling piece. Highland pistols. Improved conical and other balls. Gun-case, with fittings.

Model of a ship for hauling up ships, of the largest class, for repairs—a cheap substitute for dry docks—with model of a frigate.

London-made table cutlery.

Planes and tools, with modern improvements. Tool-chests, cutlery, and needles.

Cask of Australian mutton tallow, and another of beef tallow.

Exhibition building in perforated paper. Lace and perforated papers.

Decoration of rooms. Candlabra.

Round and square iron tubes for steam-engine boilers, frames for iron vessels, edges for steam-engine boilers, plates from unballed and balled puddled iron; pig-iron for castings.

Samples of stearine from tallow prepared in various modes. Stearine candles. Grease from palm-oil, and candles manufactured from the same, and with an exterior coat of stearine.

Orcill for dyeing and printing stuffs.

Lace head-dresses, caps, tobacco bags, and net purses. Various fancy articles in chain-stitch work.

India-rubber goods.

Tissues for hangings and furniture, folding-doors, and table-covers.

Raw silk and cocoons.

Guns, carbines, pistols, swords, &c. Damascus sword-blades and shields.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
MOXON, C.	England: Marylebone	Imitation of inlaid marble for decoration	26
MUEL, WAHL, and Co.	France: Vancouleurs	Chandeliers, fountains, &c	22
MUESELER, M. E.	Belgium: Liege	Safety lamps	1
MUR, W.	England: Salford	Small bath and various tools	6
MUR, P.	Scotland: Edinburgh	Archery weapons, &c	29
MURRES, CONNELL, and BEODIE MCLOT and Son	England: Luton, Beds.	Re-straw bonnets	20
MURCIA, the Province of	France: 69 Rue Rochechouart, Paris	Excellent and powerful boring tools	7
MURLEY, W. J. C.	Spain	Silk-worm gut	4
MURPHY, J.	England: 4 Bow-churchyard	Vestings	15
MUSTAPHA, Aga Hadgi	Ireland: Dublin	Bells	22
MYERS and SONS	Turkey	Grapes	13
MYERS, George	England: Birmingham	Metallic pens	22
MYERSCOUGH, STEEL, and Co.	United Kingdom	Carvings in Caen stone	27
NACHET, —	France: 16 Rue Serpente, Paris	Toilet quilts and bed covers	11
NACK and GEHREBECK	Saxony: Chemnitz	Microscopes	10
NAEF and SCHWARZENBACH	Switzerland: Zurich	Woman's cut-up white cotton hose of fine quality	20
NAELTJENS, G.	Belgium: Brussels	Lustrings and gros-de-Rhin Bobbin, Brussel's berthe, coiffure, lappets, &c.	13
NAF, M.	Switzerland: Niederwyl, Canton of St. Gall	Toilet quilts and bed-covers	11
NAILOR, J.	America: Viesburgh, Missouri	Cotton	4
NAM, Effendi	Turkey	Amber mouth-pieces for pipes	29
NANNUCCI, —	Tuscany: Florence	Leghorn hats and capotes	20
NAPIER and Sea	England: Lambeth	Letter-press printing machinery	6
NAPIER and Sea	As above	A compass, used for registering and hauling down, and for detecting errors in the stowage of a ship.	8

Decorations for a drawing-room, being imitations of inlaid marbles, panels, &c. Chimney-piece and glass frame.

Statues: Hebe, a faun. Busts, candelabras, fountain, door-panels, pilasters, table-feet.

Two safety lamps for mines.

Amateur foot-lathe, with joiner's bench, tool-chest, &c. Coffee-mills.

Screw embossing press, with specimens. Copying presses. Screw stocks, taps, &c. Oil-testing machine. Theodolite. Soap-cutting machine.

Specimens of bows, arrows.

Specimens of plants and bonnets, made from wheat-straw grown in Bedfordshire. Specimens of the straw in all stages of the work.

A sample of sounding instruments.

Silk-worm gut for fishing, first and second qualities.

Waistcoat lengths, cotton; silk and cotton; silk, wool, and cotton; silk and wool plush; silk and linen; wool and cotton.

Two church bells, weighing respectively about 28 cwt. and 7 cwt., cast in tune from the furnace, without any artificial tuning or chipping.

[and steel pens in great varieties.

Specimens of steel pens, and improved steel-pen and quill-pen holders, Stone and wood carving.

Counterpane and quilting bed-cover, or toilet-quilt. Fine diamond quilting for waistcoats.

Micrographic instruments.

Women's hose and other articles of hosiery.

Silk stuffs. Velvet for waistcoats, aprons, handkerchiefs. Exhibited for cheapness and quality.

Three veils from Florence, one Casavetka, and a half-shawl Brussels lace, application and needle point.

Moreas, half-cotton, luting, satined, hakins, gingham.

Specimens of cotton.

Pipe month-pieces in amber.

Straw bonnets.

Compass which registers on paper the compass course which a vessel has been steered for 24 hours. Perfecting printing machine. Self-feeding and discharging centrifugal apparatus, suited for the separation of molasses from the crystal, and other purposes.

As above.

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

NAMETH, J.	England: Manchester	Four-horse power direct-acting engine	5	A steam-engine.
NAMETH, J.	England: Manchester	Moon-maps	10	Map of the moon: exhibiting the relative positions and character of the most striking features of its surface, as they appear when seen under the most favourable circumstances; in respect to light and shade, with tracing of the most important features of the lunar surface, as seen by the aid of a very powerful telescope.
NASSAU, the Government Engineers of Mines of	Nassau	Collection of mineral produce and metallurgy of Nassau	1	A large collection of grey copper, lead, copper, zinc, manganese, and iron ores, from the Bismuth coal State. Heavy barries spar. Fuller's earth. Potter's clay, and coloured earth. Samples of stone-ware, to show its mass.
NATIONAL PRINTING OFFICE	France: Paris	Variety of oriental and other types, and for the beauty of execution of their specimen book, in which great taste is displayed; also, for three oriental volumes, with borders round every page, in gold & colours. The ultra-marine blue, printed as an ink direct from the type, is pure and bright.	17	{ One bound volume, typographic specimen; and three geographical maps. Copies of ancient missals and manuscripts.
NAYLOR, VICKERS, and Co.	England: Sheffield	Quality of steel	1	Illustrations of cast-steel by models of furnaces, rolling mills, and forges. Manufactured articles.
NAYLOR, J.	England: Hulme	Lamps for pillars and wall brackets	22	Lamps for pillars on the ground, and for brackets to the wall.
NEDHAM, Henry	England: 4 Vinc-st., Regent-st.	Guns, rifles, and pistols	8	Self-priming fowling piece.
NEF, J. J.	Switzerland: Herisan, Canton of Appenzell	Spotted muslins	11	{ Swiss muslin. Tamboured gauze balzoreine and nainzook. Striped gauze. Figured muslin.
NEGRETTH and ZAMBRA	England: 11 Hatton-garden	Meteorological instruments on glass	10	{ Standard open cistern barometer. Self-registering barometer. Pocket sympiesometer. Rutherford's thermometer. Sixes' self-registering thermometer. Hygrometers. Pressing gauges.
NEUBER, F.	Saxony: Chemnitz	Low priced cotton hose, suitable for exportation	20	Men and women's hose, half-hose, and other articles of hosiery.
NEULAND and BROSEH	Switzerland: Bienne	Fine iron wire	1	Iron wire, for making cards.
NEVILL, J. B. and W. and Co.	England: 124 Wood-street	Ladies' under-clothing, hosiery, drawers, &c	20	{ A piece of Irish linen made from the finest flax. A shirt, shirt-front, and collars, made from the above piece of linen. Richly embroidered neck-tie.
NEWALL, R. S.	United Kingdom	Metal ropes	22	Improved wire-rope.
NEWCASTLE, N. S. W. Fresh Meat Preservation Comp'y.	New South Wales	Preserved boiled mutton	8	Preserved fresh beef and mutton, a substitute for salt meats.
NEWCOMBE and JONES	England: Kidderminster	Velvet pile carpets	19	Model carpet of superior velvet pile. Velvet pile carpet. Best Brussels. New material for ladies' dresses.
NEWINGTON, Dr. S. (as inventor.)	United Kingdom	Top-dressing machine	9	Agricultural implements: eight-depositor hand-dibble, hand cultivator and drill-hoe, subsoil plough and pulverizer, horse-dibble drill, single horse cultivator.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
NEW JERSEY EXPLORING and MINING COMPANY	America : Newark	Zinc ores, iron (Franklinite) ores, smelting process, &c.	1	(Specimens of zinc, iron, and steel, and other minerals, &c., found near the mines; also of zinc ores. Franklinite: an iron-ore from the same locality. The iron and steel made from this are of good quality. Specimens of pure metallic zinc or spelter, the produce of the red oxide of zinc ore. Zinc white, or white oxide of zinc. This is superior to white lead or the carbonate of lead as a paint; it is free from its poisonous properties; it has no offensive smell, and its colour is durable. Specimens of painting, executed on wood with zinc paints.
NEWTON and Son	England : 66 Chancery-lane, and 3, Fleet-street	Globes	10	Large manuscript celestial globe, 6 feet in diameter. Pair of 25-inch globes; other globes. Complete orrery, or planetarium. Orreries, for educational purposes. Armillary sphere.
NEW YORK STATE AGRICULTURAL SOCIETY	America : Albany, New York	Collection of wheats	3	Case of wheat. Jar of maple sugar.
NICHOLSON, W. N.	England : Newark-on-Trent	Oil-cake bruiser	9	Oil cake breaking machines; mill for grinding barley, beans, &c. Improved double-blast corn-dressing, or winnowing machine.
NICHOLSON, W. N.	As above	Cottage cooking stove	22	Cottage cooking, and other grates, with improvements under Leslie's patent. Various other cooking stoves for cottages, farm-houses, &c. Gas brackets, and ornamental iron-work.
NICKELS, C. and Co.	England : 13 Goldsmith-st.	Articles in India rubber	23	Various articles manufactured from India-rubber.
NICKLIN and SNEATH	England : Birmingham	Wire weaving	22	Copper, brass, and iron weaving; fine drawn brass, and copper wire; strong iron weaving; brass wire-cloth as used for paper-making machines.
NICOLAS, P.	France : Thann	Machine for engraving metal cylinders	6	Machine, intended for cutting the bottom of engraved rollers for printing fabrics.
NICOLLS, Miss	Bahamas : Cardese, Nassau	Shell work	28	Crown and pedestal of shell-work.
NIEDREE, J. E.	France : Passage Dauphine, Paris	Specimens of bookbinding	17	Different books, bound and gilt in a very rich style.
NOBERT, F. A.	Prussia : Barth, near Stralsund	Fine lines on glass	10	Glass plates, with divisions, applicable for observations with the microscope. Ocular micrometer for telescopes, with clear lines in the dark horizon.
NOEL, — sen.	France : 88 Rue de Lancry, Paris	Ivory combs	23	Ivory combs, with hollow round teeth, in every variety.
NOIRSAIN, JULES, and Co. ..	England : 131 Regent-st.	Ventilating stoves	22	Ventilating grates and stoves.
NOIRSAIN, JULES, and Co. ..	As above	Polished marble chimney piece	27	As above.
NORDLINGER, Professor	Wurttemberg : Hohenheim	Collection of woods	4	Collection of various woods, showing the nature of their fibre. Collection of insects, especially those which infest the fields.
NORDMANN, G. L.	Prussia : Liskow.	Wool	21	Fleeces of wool, exhibiting great regularity in the staple.
NORTH WAYNE SCYTHE COMPANY.	America : Massachusetts	Scythes	41	Specimens of scythes.
NORTHUMBERLAND and DURHAM COAL TRADE.	England : Newcastle-upon-Tyne	Collection exhibited	1	{ Map, section, synopsis, working plan, and specimen of the fossil-plants, conks, rocks, &c., of the coal field of Durham and Northumberland; with models of machinery.
NOURRI, Mehemet Pacha	Turkey	Silk	4	{ Cocoons and raw silk threads. Heads covered with zinc tiles. Sheet silk.
NOUVELLE MONTAGNE ZINC MINING COMPANY, Ltd.	Belgium : Verviers	{ Zinc smelting & manufac- ture	1	{ Textile of silk and silk threads. Heads of each kind.

DESCRIPTION OF ARTICLES EXHIBITED.

Cross

ARTICLES REWARDED.

LOCALITY.

NAME.

Nova Scotia, Central Committee of .. ..	.. ..	.. ..	A choice collection of skins	16	Geological prints on clay. Specimens of freestone. Yellow and burnt ochre. Mineral paints. Coal. A fossil-tree. Shell, marl, and lime. Chemical preparations. Maple sugar in crystals, pulverized, and in liquid. Samples of wheat grown by Indians, and highly fertilized by the same. Sample of maple sugar. Preserved fish. Red and harn. Bacon, &c. wheat, straw, and oats. Indian corn. Bird's-eye maple, veneered. Specimens of woods: curled maple, bird's-eye maple, veneered. Birch, grey and white oak, and red cedar. Collection of botanical specimens. Specimen of human bone (Indian). Samples of hay-seed, moose-heads, and horns: caribou, reindeer, and muskox. Skins of wild cat, red, cross, black, silver, and white fox. American hare, martin, mink, raccoon, otter, martin, musquash; raccoon and cat-skin sleigh-ropes. Two iron castings. One Indian canoe, and three paddles. Sample of French home-spun grey, green, striped, and plaid cloth. Check home-spun plaid cloth and brown cloth. Two shawls. Quilts, blankets, woollen hearth-rugs, &c. Woollen vest. Socks and mitts, assorted. Pairs of fine and coarse-pegged boots. Shoe-lasts. Snow-shoes, with mocassins. Grass bonnets and hats. Down hat, muff, victorine, and cuffs. An Indian dress, cradle, chairs, seats, mitts, cigar-cases, and other Indian work. Map of Nova Scotia, and hand-book. Book of music. Piano, in case of bird's-eye maple. Soap and candles. Eel-spear and fishing-rods. Indian fan, reticule, hood, purse, and mocassins. Indian and negro bones and baskets. Reticules of grass.
Nowill, J. and Sons	England: Sheffield .. ..	.. ..	Cutlery	21	Assortment of knives for the Levant trade. Other cutlery, razors, dressing-cases.
Norris, R. and Clark	America: New York .. ..	.. ..	A 7-octave square piano forte	10a	Two piano-fortes: a 7-octave rosewood piano-forte, carved; a 6½-octave rosewood piano-forte, with Coleman's Æolian attachment.
Oastler and Palmer	France: 132 Faubourg du Temple, Paris .. ..	.. ..	Black varnished calf leather	16	Japanned calf-leather, for boots and shoes.
	England: Bermondsey .. ..	.. ..	A large assortment of enamelled and varnished leather and crop butts	16	Japanned enamelled hides. Calf-skins and crop butts.
Oates J. F.	England: Lichfield .. ..	.. ..	Improvements as applied to cornets	10a	{ Improved brass musical instruments: cornets, pisa-cor, Sax-horns, trumpet, Staffordshire horn.
	France: Courtaïn .. ..	.. ..	Variety of papers; also for their paper called Animal Parchment	17	{ Papers made by machine and by hand. Double and single ploughs.
Odgers, J. M.	Belgium: Marlinne .. ..	.. ..	Plough	9	{ Table-services in various styles. Ten-services, and other articles of silversmiths' work.
	France: 26 Rue Basse du Rempart, Paris .. ..	.. ..	Table service	23	



DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

LOCALITY.

NAME.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
OERTLING, A..	Prussia: Berlin ..	Balance	10	Chemical balances, large and small, with weights. Hudley's sextants. Reflecting goniometer.
OFFERMANN, F. W. ..	Prussia: Imgenbrucht ..	Fancy trouser goods ..	12	Coloured buckskin.
Osborn, J. L. M. ..	France: 17 Rue Culture, St. Charline, Paris ..	Fancy and common soaps ..	29	Household and toilet soaps, and perfumery.
OGLEBY, CHARES, and Co. ..	England: Lambeth ..	Stearic, sperm, and composition candles..	29	Spermaceti and stearine specimens.
OPICZ and CHAZELLE ..	France: 83 Rue Richelieu, Paris ..	Embroidered silk ..	20	Ready-made articles for ladies. Rich Lyons silk embroidered fabrics. Shawl.
ORDAN, J. M. and Son ..	Belgium: Liege ..	Sheet iron	1	Sheet-iron, wheel tires, and laminated bars of iron, prepared with wood.
ORDUNA, V. ..	Spain: Valencia ..	Danasks, velvets, and other silks	13	Samples of silk stuffs for draperies. Brocatel. Dress pieces of Chinese and damasked gros. Velvet. Waistcoats of fancy velvet. Damasks, velvets, square pattern.
ORGAN, J. ..	England: Penzance ..	Font, obelisk, &c., of serpentine marble from the Lizard, Cornwall ..	27	Baptismal font, obelisks, vases, cabinet of specimens, &c., of serpentine marble, from the Lizard, Cornwall.
ORSI and ARMANI ..	England: 6 Guildhall Chambers ..	Metallic lava, and various articles in cement ..	27	{ Metallic lava pavement, ornamental slabs, and table in the Moorish style. Modern Venetian stucco. Stone with marble-like polish.
OSLER, F. and Co. ..	England: London and Birmingham ..	Glass, various—novelty of design	24	Candelabra (a pair), in richly cut crystal glass, carrying fifteen lights, each eight feet. Crystal glass candelabrum, supported on three griffins, in frosted glass. Large table candelabra, in crystal glass, with prismatic shaft. Large lustres, richly mounted, with crystal prisms. Busts of her Majesty and Prince Albert. Shakspeare, Milton, Scott, and Sir Robert Peel, in frosted glass. Large fountain, in cut crystal glass, twenty-seven feet high.
OSWEGO SPARSH FACTORY ..	America: Oswego, New York ..	Starch	4	Samples of starch, manufactured from Indian corn.
OUARD and BUCHEROT ..	France: 42 Rue des Lombards, Paris ..	Preserved fruits ..	29	Fruits preserved with steam, and confectionary.
OUSCAMP, the Company of (Veigné Delacourt, manager)	France: 14 Boulevard Poissonnière, Paris ..	Bleached Madapolams ..	11	{ Cotton spinning; weaving of thick calicos, called Cretonnes and Madapolams.
OUTRIDGE, J. ...	British Guiana ..	Collection of woods ..	4	Transverse and vertical sections of the saka or bastard purple heart-wood; of the itaballi; of the wadadwei, or monkey-pot tree; of the hyacynthalli, or zebra wood; of the hibbaderi; of the simini (a locust tree); of the towoneroo, or bastard bully-tree; of the Marisballi (all from the banks of the Demerara River, and most of them furniture woods).
OVERMAN and DELEVEIGE ..	Belgium: Tournai Savonnerie ..	Carpets	19	Carpet, worked by hand. Imitation of a Smyrna carpet, worked by hand. Wilton carpets. Velvet carpets.
OWTRAM, R. and Co. ..	England: 13 Watling-st. ..	Figured and chequered cantrics	11	Broadened cottons, and cotton damasks. Satin brocades, and plush apigged materials.
OXLAND, R. ...	United Kingdom ..	Separation of wolfram and tin ..	1	Separation of wolfram from tin.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class
PALMER and FORD..	England : Gray's-inn-road	Gas-meter ..	22
PAGNY — ..	France : Bayeux, Calvados	Point lace shawl and scarf ..	19
PAILLARD, E..	France : 16 Rue de Grand Chan-	Copper and zinc frames for ..	22
	tier, Paris	mirrors, &c. ..	22
PAILLARD, V..	France : 4 Rue St. Claude, au Marais	Gilt bronzes ..	93
PAINE, J. M..	England : Farnham	Golding's hops ..	3
PAIS, A..	Prussia : Berlin	Tallow oil and palm soap..	29
PALMING, W..	England : Painswick	Billiard cloths, and scarlet hunters, or milled cloth	12
PALMER and Co.	England : Clerkenwell	Candle lamp ..	22
PALMER, B. F.	America : Philadelphia	Artificial leg ..	106
PALMER, J. L.	France : 18 Rue Montmorency, Paris	Drawn wire..	22
PAISGRAVE, J. T.	Canada : Montreal	Printing types ..	17
PANGA and HAUGCHILD	Saxony : Chemnitz	Four-thread & other num- bers of knitting cottons	11
PAOLETTI, F..	Tuscany	Macaroni, vermicelli, &c..	8
PAGE, J. H..	France : 19 Rue des Bonnes En- fants, Paris	Certain improvements in piano fortes ..	10a
PAPI, Clement	Tuscany : Florence	Basket of flowers, cast from nature ..	22
PANDOE, HOOMANS, & PANDOE	England : Kidderminster	Velvet pile carpets..	19
PARENT, — ..	France : 33 Rue des Arçis, Paris	Scales ..	5
PARIS, E..	France : Bercy	Galvanized sheet of iron, &c.	22
PARIS CHOCOLATE COMPANY	England : 252, Regent-street	Chocolate and syrups ..	29
PARKER and SONS	England : Northampton..	General excellence of boots and shoes..	20
PARKER, J..	Ireland : Dublin	Boots, strong and light ..	20
PARKES, H. W.	England : Strand	Locks ..	22
PARKINSON and PROPSHAM..	England : 4 Change-alley	Chronometers and watches	10b
PASLANI, E..	Tuscany : Borgo a Buggiano	A piece of embroidery ..	4
PAULETTI and Co.	Ceylon : Colombo	Oils ..	19
PAMSTEDT, P.	Belgium : Iseghem	Fine linen of mill-spun yarn, also handkerchiefs	14
PANUET, D'ARTRESME, and Co.	France : Elbeuf	Woolen cloths ..	12

Wet gas-meter.
Lace and embroidery.
Mirrors with copper and zinc frames. Various objects in zinc, in imi-
tation of bronze.
Bronzes, clocks, candle-lamps.
Samples of Chinese white-bian and true Golding hops.
Tallow-oil and palm-soap. The tallow used in these articles of Prussian
production, and the palm-oil imported from Liverpool.
Double-milled hunter, double-milled cloths. Fine single-milled
scarlet, billiard cloths.
Candle lamps. Weather lamps to burn candles for warehouses, stables,
and out-buildings.
Artificial leg, made on a new principle; the tendon Achilles, flexor and
extensor muscles.
Specimens of drawn wire; welding.
Case of types.
Knitting cotton yarn of various numbers and qualities.
Pondra stuff wheat for Italian pastes, from the plains of Pisa. Speci-
mens of superfine Italian pastes; console grand ditto; square and
square and console piano-fortes; grand piano with patent action and im-
proved sounding board.
Basket of flowers, taken from nature in one cast, with the stand also
from nature, and in a single piece; the whole composed and cast by
the exhibitor.
Whytock's tapestry carpeting; the colours printed on the worsted be-
fore it is woven. Berlin rugs.
Weighing-scales, weights and measures.
Samples of galvanised iron sheets; channels in a rough state.
Chocolate.
Boots and shoes.
Boots and shoes, all made of Irish materials.
Shawl lock.
Astronomical clock with mercurial pendulum, eight-day chronometer,
lever watches, pocket chronometers.
Very elaborate embroidery, framed in tapestry.
Specimens of cinamon, with essential oils extracted therefrom, with
implements for cutting and peeling.
Pieces of unbleached flax-linen manufacture. White cambric hand-
kerchiefs.
Gentlemen's superior fancy articles, such as trousers, waistcoats,
pajamas, for winter and summer, of various colours.

DESCRIPTION OF ARTICLES EXHIBED.

ARTICLES REWARDED.

LOCALITY.

NAME.

PARR, CURTIS, and MADELEY	England : Manchester	Various machines for card- ing and spinning cotton; three self-acting mules; also various engineers' machine tools	6	{ Carding engine. Drawing frame. Shubbing and roving frame. Self- acting mules. Planing machine for metals. General shaping ma- chine. Slide and screw-cutting lathe. Drilling machine.
PARSONS, W.	England : Swaffham	Guns, rifles, and pistols	8	{ Improved double guns. Loading rod and socket.
PARTIDGE, N.	England : Stroud	The dye of broad-cloths of different colours on each side	18	{ Double colour woollen cloth, for officers' cloaks, dividing saloons in the East, curtains, &c. Army cloth, improved rod.
PASSMORE, W.	England : 27 Little Windmill-st. England : 141 Strand	A set of single-horse harness Charltonets and brass instants	16	{ Single-horse harness, with improved hames and furniture. Brass horns with valves, French horn, trombones, trumpets, opticleide, euphonium, cornet-a-pistons, clarionets, flutes.
PATEK, PHILIPPE, and Co.. PATENT SHAFT & AXLETREE COMPANY	Switzerland : Geneva	Chronometers, watches, &c.	10a	{ Chronometers, watches, repeaters, &c., new winding-up by the pendant.
PATENT POINTED SCREW COMP.	England : Wednesbury	Railway carriage and other axles	10b	{ Railway carriage and other axles, with illustrations of the processes of manufacture. Link for suspension bridges, rolled into form at one heat
PATON, J. and D.	England : Wolverhampton	Pointed screws cast out of malleable iron	5	{ Pointed screws cast out of malleable iron, which can be driven into wood without boring holes.
PATOCK, DUAN, and Co. ..	Scotland : Tillicoultry, Alloa	Collection of tartans	22	{ Fancy wool tartan. Long wool fancy shawls. Window glasses of every description. Blown glass. Chemical pro- ductions.
PATRIAU, C.	France : Auiche	Vestings of cashmere	15	{ Woolen and cotton fabrics, for waistcoats, cloaks. Horse-brush. Cloth and hair-brushes.
PATTAU, C.	France : Rheims	Brushes	28	{ Gingham and handkerchiefs ; fabric all cotton, hand-woven or printed. Six pair of blankets. An assortment of woollen cloths.
PATTAK, G.	Austria : Hermannstadt	Imitation of Madras hand- kerchiefs	11	
PATTERSON, JAMESON, and Co.	Scotland : Glasgow	Blankets	12	
PATTERSON, J.	Canada : Dundas Mills	Merinos, draps d'été, mous- seline-de-laines, barèges, and chalis, including also the award for yarns	12	
PATULE-LUTIN, SEYDORX, SIEBER, and Co.	France : Coteau	Safes and locks	22	{ Pure wool, and woollen and silk fabrics. Barege, muslins, merinos, summer materials.
PAULAN, —	France : 356 Rue St. Honoré, Paris	Silk	22	{ Safes and locks of various kinds. Silk spun by the filanda of Paulakay at Broussa.
PAULAKAY, J.	Turkey : Broussa	Woolen cloths	4	{ Specimens of cloths, piece-dyed, wool-dyed, woaded colours.
PAWSON, T. SON, & MARTIN	England : Leeds	Jewellery and allagore	12	{ Gold jewellers for exportation. Articles of grain. Kiln-dried soap.
PAYNE, A. R. JUN.	France : 18 Boulevard St. Denis, Paris	Revitt wheat	23	{ Savas ornamented in a new style, large circular saw. Savas ornamented in a new style, large circular saw. Terro-metallique roof tiles, brick tiles, drain pipes, &c. Imita- tion of the Warwick vase in terre-metallique.
PAYNE, H.	England : Haleshead	Soap	30	
PAYNE, GARWELL, and Co.	America : New York	Saws	23	
PEACE, JOSEPH and Co. ..	England : Sheffield	Various other objects, in terro-metallique	27	
PEARCE, W.	England : Tunstall			

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

THURCH, W. ..	England : Truro ..	..	Cornish granite and serpentine goods ..	27	Tables, candelabra, vases, pedestals, tazzas, &c., of Cornish granite, porphyry, steatites, and serpentines.
THURCH, H. and Co. ..	England : Darlington ..	..	Cobourg cloths, single and double twills, worsted and cotton warp, including also the award for yarns ..	12	Specimens of worsted manufacture from the fleece to the finished cloth. Pieces of Cobourg cloth, made of Lincolnshire, Cheviot, Southdown, Australian, and Saxony wool.
PELL and Co. (Ovidio) the	Russia : Diven ..	..	Woollen cloths ..	12	Wool-dyed cloth ; blue, Grecian, olive, and royal blue. Raw material. Sheslan wool.
PELLAYO SAN (Ovidio) the	Spain ..	..	Preserved fruits ..	29	Preserved fruits.
PELLER, H. ..	Austria : Hohenelbe ..	..	Fine linen of hand-spun yarn	14	Linen, yarns, hand-spun. Linen of different kinds, grass-bleached. Pocket handkerchiefs.
PELLER, C. ..	Algeria : Kaddous ..	..	Cottons ..	4	White cotton.
PELLATT, Apsley, and Co. ..	England : Holland-st., Blackfriars ..	..	Cut glass, &c. ..	24	A highly refractive cut-glass centre chandelier, 24 feet long ; also a large chandelier of white, ruby, and blue glass in style of Alhambra, and nine other variously ornamented chandeliers. A group of candelabra, richly cut crystal dessert services, Anglo-Venetian gilt and frosted glass, engraved glass vases and plates, medical glass, canco incrustations, and models and specimens of flint glass, with illustrative specimens.
PELOUZ, BRENTANO, and Co.	Bavaria : Augsburg ..	..	Silk ..	4	Patterns of silk cloth, with gold and silver, for furniture and church apparel. Patterns of various stuffs and cloths, manufactured from Bavarian silk. Specimens of said silk.
PELTEREAU, Auguste ..	France : Châteaurenault ..	..	Sole leather ..	16	Raw hides. Smooth cow-skins. Smooth ox and cow-skin cuttings.
PELTEREAU, F. Jun. ..	France : Châteaurenault ..	..	Sole leather ..	16	Various kinds of leather.
PENROSE, F. C. ..	England : 4 Trafalgar-square ..	..	Helicograph ..	10	Spiral compasses. Spiral helicograph.
PELOW, W. ..	England : Stamford ..	..	Workmanship, and application of spring to boots ..	20	Ladies' elastic button gaiter, side lace and cashmere boots, &c. Goloshed boots. Velvet carriage tie boots. Slippers. Silk elastic cloth, and button shoes.
PEREZ and Co. ..	Spain : Barcelona ..	..	Inlaid wood table ..	30	Octagonal table of inlaid wood, containing 3,000,000 pieces, in the arms of England alone, in a space of 3 inches by 2, consisting of 53,000. This branch of industry introduced by the Exhibitors.
PERKINS and BROWN ..	America : Akron, Ohio ..	..	Wool ..	4	Sample of fine combing wool.
PEREAUX, — ..	France ..	..	Dividing engine ..	4	Dividing engine.
PERROT, E. ..	France : 14 Rue Vivienne, Paris ..	..	Chocolate ..	3	Various sorts of decorated chocolate.
PERROT, S., PEUT, and Co. ..	France : 12 Rue de la Bourse, Paris ..	..	Flowers in cambrie ..	29	Artificial flowers. Fancy feathers for dress. Gold, silver, and pearl embroidery.
PERAY, G. and Brothers ..	Canada : Montreal ..	..	Fire engine ..	5	Fire-engine and hose-reel.
PERAY and Co. ..	England : 37 Red Lion-sq. ..	..	Metallic pens ..	22	Various specimens of steel pens.
PERAY, John ..	England : Leeds ..	..	Wool-comb ..	6	Double wool-combing machine.
PERAY, R. ..	England : Wolverhampton ..	..	Japanned ware ..	22	Specimens of iron ore, pig iron, bar and sheet-iron, block-tin, &c. Strong tin, plainished, and japanned ware.
PESEL and MENUE ..	France : 7 Rue Bourbon Ville-neuve, Paris ..	..	Cashmere fabrics ..	12	Samples of cashmere threads. Cashmere tissue cuttings.

DESCRIPTION OF ARTICLES EXHIBITED.			ARTICLES REWARDED.		LOCALITY.	NAME.
Class.						
27	A table inlaid with various stones in Florentine mosaic, on a bronze gilt pillar.	Jewelled casket, with bas-relief mosaic in pietra-dura	Russia : Peterhoff, near St. Petersburg	Peterhoff, Imperial Porcelain Manufactory of .. .		
5a	Light park barouche, with lee and under springs.	A park step-piece barouche highly finished, and with good taste .. .	England : Park-st., Grosvenor-sq.	Peters and Sons		
22	Cast bells for a chime, weighing about 2,500 kilogrammes, or 5,500 lbs. with a suspending apparatus.	Bells with suspending apparatus	Netherlands : Aarleixstel ..	Petit and Fritz		
12	Pieces of unbleached and dyed merino fabrics of fine quality.	Merinos	France : Boulton	Petit, Clement		
22	Improved metallic bedsteads, japanned to correspond with papier-maché.	Metallic japanned bedsteads	England : Birmingham	Peyton and Harlow		
15	Stuffs for trousers and waistcoats. Fancy cashmeres. Satin checks. Buckskin, wool, and cotton. Stuff for trousers : linen and wool, and wool and cotton.	Vestings	Prussia : Viersen	Pferdmenges and Kleinjung ..		
28	Tortoise-shell bracelets, brooches, ornaments, circlets, and ring.	Tortoise-shell combs	France : 16 Passage Choiseul, Paris	Philip, —		
29	Bottles and vessels of preserves, as meats, vegetables, fish.	Preserved fruits	France : Ville-en-Bois, Nantes..	Philippe and Canard		
4	Piece of Yoylo stuff. Various pieces for a blouse. Piece of Jusi, and a shawl of Jusi, both worked.	Fibrous substances	Spain : Bisayas Island	Philippine Islands, Economical Society of		
10	Street engine ; and a portable fire annihilator for extinguishing fire by gases and vapour.	Fire annihilator	England : 105 Leadenhall-st. ..	Phillips, W. H.		
21	Cutlery and surgical instruments.	Cutlery	England : 67 St. James's-street	Philp and Whicker		
21	Oyster opener, saw-knife, shear-knife, and various articles of cutlery.	Cutlery	France : 46 Rue Dauphine, Paris	Picauly, G. F.		
5	A tubular axle with two disc wheels for railway waggons.	Disc wheels and hollow axles	Prussia : Hoerd, near Dortmund	Piepenstock and Co.		
22	Chimney pieces of enamelled iron and alabaster. Pyro-pneumatic ventilating stove-grates, &c. Stove-grates and fenders with or-molu and silver ornaments. Cottage grates.	Cottage grate	England : 5 Jermyn-street	Pierce, W.		
4	Gums and resins.	Collection of oils and gums	Ceylon : Kandy	Pieris, T. A.		
10	Achromatic microscopes. Students' microscope. Opera glasses.	Elliptic compass	England : 398 Oxford-street ..	Villascuer, M.		
15	Irish poplins. Double tabinet, &c. Brocaded poplin.	Collection of poplins	Ireland : Dublin	Wm. Brothers, and Co.		
12	Woolen, satin and satin-de-chine cuttings for dresses, merino, shawls.	Woolen cloths and damask	France : Roubaix	Wm. Bayard		
29	Stearine candles.	Waxed candles	Russia : Odessa	Pransier, —		
29	Various kinds of soap, perfumed oils, grease, and alkali.	Toilet soaps and perfumery	France : 103 Rue St. Martin, Paris	Piver, L. T.		
10	Spectacles. Ivory and polished opera-glasses. Daguerreotype [pictures.	Camera obscura	France : 5 Rue Pastourel, Paris	Plaghton, A.		
26	Round sofa-tables, with inlaid work.	Inlaid table	Hamburg	Plambers, C. F. H.		
8	A life-boat, of wood and cork, lined with gutta-percha.	Having exhibited a good specimen of a life-boat	England : Newbury	Pleuty, A. and E. F.		
8	Guns and pistols ; guard for a gun.	Barrel guard	Belgium : Liège	Pompey, N.		
17	Printed books, albums, plates, almanacs, and engravings.	Various wood-cuts and other printing	France : 150 Rue de Valenciennes, Paris	Poon, Brothers		

NAME		LOCALITY.		ARTICLES REWARDED.		CLASS		DESCRIPTION OF ARTICLES EXHIBITED.	
PLOUQUET, H.	Württemberg : Stuttgart	..	Taxidermy ..	..	29	Groups of stuffed animals and birds. A stag hunt. Bear baiting. Nests of birds of prey. Hawks pouncing upon owls, &c. Groups of domestic birds, with their young	
PLUMBER, R..	England : Newcastle-upon-Tyne	..	Scutchling, heckling, and other flax machines ..	..	6	Machinery used in the manufacture of flax, hemp, &c. Raw materials and manufactures in illustration.	
Pocock and RAWINGS	United Kingdom ..	..	Woollen cloths, exhibited by Messrs. Barber, Howe, and Mead ..	..	12	Super broad-cloths. Moscow and royal British beavers. Alpa Vicuna Royal shawl. Royal beaver shawl.	
POIDERBART, N.	Tuscany : Portico, near Florence	..	Organizines and trams ..	..	13	Raw silk from the exhibitor's spinning mills.	
POILLAU, Brothers	France : Brest..	..	Cenotaph of greenstone basalt ..	..	27	Cenotaph of granite.	
POINSONGOS, —	France : 23 Rue Neuve St. Martin, Paris..	..	Imitation tortoise-shell corals ..	..	28	Imitation tortoise-shell combs.	
POINIER, P.	France : Châteaubriand ..	..	Self-coloured leather boots ..	..	29	Water-tight boots and shoes, and gaiters for sportsmen.	
POINIER, L.	France : 33 Rue du Faubourg, St. Martin, Paris	..	Copying presses ..	..	22	Copying presses. Presses for sealing letters. Autographic presses. Stamping machine.	
POLAK, F. Mlle.	Belgium : Brussels ..	..	Black lace flouncings, &c.	..	19	Drawings for Brussels lace scarf. Designs for black lace flouncers.	
POLIAKOFF and ZAMLATIN	Russia : Moscow ..	..	Organizines and trams ..	..	13	Silver glassett. Watered silk.	
POLLOCK, J.	Scotland : Glasgow	..	A very perfect set of Scotch harness ..	..	16	Complete set of Scotch horse harness.	
POLYCARPO, A.	Portugal :	..	A case of surgical instruments ..	..	10	Surgeons' instrument box.	
POMMEREAU SMELTING FANY the,	Belgium : Pommeroeul ..	..	Quality of iron ..	..	1	Cast-iron for moulding, four numbers. Grey, mottled, and white cast-iron for refining.	
PONOMAREFF, Mme..	Russia : Khamounitsky-Viatka	..	Sheet and other iron ..	..	1	Sheet, oxidised, and boiler plate-iron.	
PONSON, C.	France : Lyons ..	..	Plain silks ..	..	13	Plain silks of various colours.	
PONTREX and WOOD	United Kingdom ..	..	Tartaric and citric acids	..	2	Various chemicals, including crystals of nitric acid, tartaric acid, sulphate of copper, Rochelle salts.	
POOR, S. M.	America :	..	Ships of war ..	..	8	Ships of war. W. Darton was included in this award for merchant vessels.	
POOLEY, H. and Son	England : Liverpool	..	Weighting machine ..	..	5	Locomotive engine weighing tables, with drawings, &c. Drawing of an engine for weighing canal boats and their cargoes, &c. Drawings, in plan and detail, of the first large establishment in England, of baths and wash-houses for the poor, erected by the Corporation of Liverpool, 1845—6.	
POPE, W. and Son	England : Edgware Road, and Lisson Grove ..	..	Four-horse power oscillating cylinder, direct-acting steam-engine ..	..	5	Improved oscillating cylinder steam-engine.	
	Cotton ..	..	4	Specimens of ginned cotton.	
POPE, J.	America : Tennessee	..	Cigars and snuff ..	..	3	Cigars and cigarettes of various kinds. Cut tobacco leaves. Snuff.	
PORTUGAL ROYAL TOBACCO & SNUFF COMPANY	Portugal :	..	Assortment of rich figured silks, and a woven picture of her Majesty, Prince Albert, & Prince of Wales ..	..	13	Figured silk stuffs. Damask cravats. Mounted parasols.	
POTCH, REMBAUD, and Co.	France : Lyons ..	..		..

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
POTTS, W.	England : Birmingham	Bronzes and lacquered lamps, &c. (and special approbation)	22
POUET, J. F.	France : 12 Rue Pierre Levée, Paris	Spun lead	1
POSSIEGUE-RESAND, P.	France : 34 Rue Castelle, Paris	Church service	23
POUYER, (Quertier fils)	France : Rouen	Apparatus by which any number of movers may be connected or disconnected at pleasure	5
POWELL and Sons	England : Whitefriars	Fine crystal glass	24
POWERS and WIGHTMAN	America : Philadelphia	Chemicals	2
POWERS, Hiram	America :	Statue of the Greek slave, in marble	30
PRAGUE GLOVERS' ASSOCIATION	Austria : Prague	Gloves	20
PRATT, JULIUS, and Co.	America :	Ivory veneer	28
PRATT, Major	England : Hungerford Market	Design for tidal steps	7
PRAX and LAMBIN	France : 9 Passage Basfour, Paris	A varied collection of saddlery and harness	16
PRELAT, F.	France : 41 Rue de la Ferme, Paris	Gilt arms	23
PRESTON, J. and Co.	Ireland : Belfast	Flax	4
PRESTON, F.	England : Manchester	Spindles and flyers	6
PRETROT, L. H. E.	France : 3, Rue Harlay, Au Marais, Paris	Collection of inlaid furniture	26
PRETSCH, Paul	Austria :	Photographs	10
PRICES' PATENT CANDLE COM.	England : Vauxhall	Invention of improved methods of distilling fatty bodies, and for candles made of distilled fat	29
PRIN, A., Jun.	France : Nantes	Russet and black curried calf leather	16
PRINS, C. C.	Netherlands : Wormerveer	Potato starch	4
PROSSER and HADLEY	England : 20½ Clipstone-street	Ornamental sawing machine	6
PROSTAT and Co.	France : Arny-le-Duc	Fine files	21
PROVOST and MEAL.	America : Boston	Plough	9
PUSANT, F.	Belgium : Cour St. Etienne	Wrought-iron crucible and ornaments	22
PYLAND, J.	England : Broxbourne	Terra-cotta	27

(Bronzed and lacquered gas lamps, chandeliers, lanterns, candelabra, girandoles, glass frame, clock stands, epergues, &c. Picture supporting moulding.

Spun lead for horticulture and nurserymen.

Chandeliers, shrines for relics, lamps, monstrances, trays, ewers, chalices.

Apparatus available for a 40-horse power, by which any number of movers may be connected or disconnected at pleasure.

Painted and pressed glass for windows. Glass pipes with joint.

Chandelier and glass pump, with the same joint. Epergne. Glasses for scientific purposes.

Chemicals.

Statue of the Greek slave.

Ladies' and gentlemen's gloves of kid, lamb, and sheep-skin. Gentlemen's gloves of rein-deer leather.

Ivory veneer.

Moveable steps for tidal rivers. New self-acting trap for street drains.

Various saddles. Harness. Apparatus intended for horse-riding.

Brace of pistols, with curved and chased gold mountings. Five barreled pistols, charges fired separately.

Specimens of flax.

Spindles and flyers used in preparing, spinning, and doubling cotton, silk, worsted, woollen, and flax.

Articles of furniture.

Photographs.

Specimens of candles, vegetable tallow, palm oil.

Black and yellow calf-skins, for exportation.

Starch, known in Holland under the name of Urding's patent starch. Best Dutch starch.

Ornamental sawing machine, capable of performing curvilinear cuttings, both in outline and perforation.

Samples of tools and files.

Ploughs.

A wrought-iron crucible made use of in mines.

and various ornaments, in terra-cotta and artificial woodwork, for the decoration of buildings. A view of the interior of the Crystal Palace, London, 1851.

NAME.		LOCALITY.		ARTICLES REWARDED.		Class	DESCRIPTION OF ARTICLES EXHIBITED.
PULLMAN, R. W. and J.	..	England : 17 Greek-street, Soho	..	Chamois leather of every description	16	Specimens of oil leather in various stages of dressing.	
PURDIS, W.	..	Trinidad	..	Nutmegs, cloves, black pepper, and cigars, cocoa as prepared for the Spanish market	3	Nutmegs, cloves, and other spices ; black pepper, &c. ; cigars, tobacco, and cocoa as prepared for the Spanish markets.	
PURDAY and FLEDT.	..	England ; 74 Dean-street, Soho	..	A double bass (chiefly) and for four violins and two violoncellos	10a	Violins, violoncellos, double bass. To exhibit oil varnish equal to that on the Cœmona, an art supposed to have been lost.	
PURDY, C. W.	..	United Kingdom	..	Gothic ornaments	22	Gothic ornament, of the decorated style, period fourteenth century.	
QUARONNE, G. and J.	..	Belgium : Cureghem	..	Stearic candles	20	Eighty-eight parcels of stearic wax candles ; lump of stearine.	
QUARENTI, Giovanni	..	Austria : Venice	..	Silk	4	Samples of raw silk.	
RAMBOUILLET, Sheepfold of	National	France : Rambouillet	..	Wool	4	Four fleeces of real merinos.	
RAMES, J. M.	..	France : 33 Rue d'Orléans, Paris	..	Group in marble, Cephalus and Proetis	30	Marble group.	
RAND, John and Sons	..	England ; Bradford	..	Fabrics of wool, and wool combined with cotton and silk, including the award for yarns	12	{ Cobourg cloths, cotton and worsted, the same with silk warp ; merinos, moreens, single and double twill ; several of the pieces, of the finest description of worsted goods.	
RANDOLPH, Wilhelmina	..	England ; Westminster	..	Flowers of undyed feathers	29	{ specimens of plants and cut flowers, composed of feathers of various hues, without dye or tinting.	
RANDOLPH, L.	..	France : Caen	..	White-blond floss scarf, &c.	19	White silk blondes ; scarf, overall, head-dress and whiskers. Large gold and silk lappets.	
RANGEL, A. P.	..	Portugal : ..	..	Wine cask	28	Wine cask.
RANSAUER, A.	..	Switzerland : ..	..	Tartan and book muslin	11	Tartans and book muslins.
RANSOME and PARSONS	..	England : Ipswich	..	Artificial silica stone	27	Artificial stone and marble in its various stages of manufacture, and its applications.	
RANSONES and MAY.	..	England : Ipswich	..	Water-crane, Patent compressed trenails and wedges for railways.	5	{ Barlow and Heald's railway turn-table. Wild's railway turn-table and switch. Barlow's iron-sleeper. Registered water-crane. Compressed trenails and wedges for railways. Compressed ship trenails. Leggett's Queen press, with self-inking apparatus. Chilled cast-iron pedestal, or axle bearing.	
RANSONES and MAY.	..	As above	..	Leggett's Queen press with self-acting apparatus	6	As above.	
RANSONES and MAY.	..	As above	..	Drop drill	9	Iron ploughs ; double-breast or moulding ploughs ; West India double furrow, universal, broad share, and subsoil ploughs ; trussed whippertrees ; Biddell's scarifier ; Indian cultivator ; corn and seed-dropping machine ; portable steam-engine ; fixed steam engine ; thrashing machines ; cane-top cutter ; crushing mill ; oil-cake breaker ; barley awner ; chiscony cutler ; Scotch cart.	

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
RASCHLE and Co. ..	Switzerland : Watwill, Canton of St. Gall ..	Imitation of Madras handkerchiefs, those with blue grounds especially good ..	11	Handkerchiefs: Veronas, Madras, Indians, pailacats, muszupatams. Cottons, ginghams, cambrics.
RATZESDORFER, H. ..	Austria : Vienna ..	Looking-glass ..	23	A toilet glass of massive wrought and embossed silver, weighing 135 ounces.
RAU, and Co. ..	Wurtemberg : Göppingen ..	Japanned tin-plate ..	22	Various articles of japanned tin-plate and papier maché, several inlaid with mother-of-pearl, by a new process. Plated metal articles.
RAUCH, Brothers ..	Wurtemberg : Heilbronn ..	Variety of writing paper ..	17	Fancy paper, which, by a process newly invented by the exhibitors, is coloured differently on the two sides of a single sheet.
RAVAGLI, P. ..	Tuscany : Marradi ..	Silk ..	4	Raw silk from the exhibitor's spinning mills.
RAYMOND and SCHÖYLER ..	America : New York ..	Flour (thirds) ..	3	Barrel of flour, made from pure Genessee wheat. Keg of barley.
RAYBIRD, Hugh ..	England : Andover ..	Hybrid wheat ..	3	Specimens of wheat produced by hybridization ; and of Hoptown and Piper's thicket wheat, from which the hybrids were obtained.
REA, E. ..	England : 117 Wardour-st. ..	Collection of resins ..	4	Lac, lacquers, polish, varnishes, sealing-wax, gums.
READE, Rev. J. B. ..	England : Aylesbury ..	Solid eye-piece ..	10	Solid eye-pieces, for telescopes, micrometer.
READE, C. W. ..	India ..	Paper hangings ..	26	Paper hangings.
REALIER, Mlle. ..	Belgium : Brussels ..	Brussels point lace handkerchiefs, &c. ..	19	Brussels point lace handkerchief, flax thread, ground worked by needle.
REHOW, J. Gurdon ..	England : Colchester ..	Wool ..	4	Southdown sheep's-wool.
RECKLESS and HICKING ..	England : Nottingham ..	Shawls, &c. ..	19	White and black lace flounces, &c ; falls, shawls, &c. ; embroidered partly by machinery, and partly by hand.
REDFERN, G. ..	England : Ashwell ..	Inlaid marble table ..	27	Marble mosaic table.
REDIER, A. ..	France : 2 Rue de Châtelet, Paris ..	Cheap watch alarums ..	10b	Clocks and other instruments. Double chronometer used in the navy.
REED and MEAKINS ..	Canada : Montreal ..	Hard woods ..	4	Planks of birch, cherry, pine, bird's-eye and curled maples, and butternut.
REEVES, GRAVES, & REEVES ..	England : Birmingham ..	Swords, and other side-arms, artificially embellished ..	8	Officers' dress sabres and field swords.
REEVES and BRATTON ..	England : Westbury ..	Water drill, and liquid manure distributor ..	9	Liquid manure distributing cart, and liquid manure drop-drill.
REGARD, Brothers ..	France : Darbres ..	Silk ..	4	Cocoons, raw and wrought silk, for silk and plush stuffs.
REGOUT, P. ..	Netherlands : Maestricht ..	Chandeliers (2 large and 2 small) ..	22	Two large chandeliers ; two smaller in cut-glass, supported by gilt metal. A large vase of cut-glass. Glasses assorted. Glass conduit pipes.
REGOUT, P. ..	As above ..	Tubing—table glass ..	24	As above.
REICHENT, F. ..	Austria : Vienna ..	Plain, figured, and moiré silks, for black and coloured satin ..	13	Silks ; gros de Naples ; gros grain ; gros d'Afrique ; Levantin and satin Turque.
REID, J. ..	Ireland : Dublin ..	Fritze cloth ..	12	Irish frieze. Irish frieze wrappers.
REID, F. C. ..	England : 103 Strand ..	Acoustic instruments for the deaf ..	10	New ear-trumpets. Acoustic chair, vases, telescopes, whispering tubes, domestic telegraph.
REYNOLDS, G. ..	Canada ..	Acoustic instruments for the deaf ..	10	Harmonium.

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

R. BULE and PERRARD EFENANT	Belgium: Liege	Sheet iron	1	Several sheets of polished sheet-iron, prepared with wood.
REMOND, A.	England: Paternoster-row	A novel application of materials in book binding	17	Specimens of binding in morocco, velvet, Russia, and calf, elegant, plain, and antique. Sheep and cloth, plain and elegant.
RUSSELL, J.	United Kingdom	Envelope machine	6	Self-feeding envelope machine, producing envelopes, folded, gummed, and embossed.
RUSSELL, J.	Scotland: Stromness, Orkney.. ..	Straw work	28	Various samples of Tuscan plait for bonnets; the straws grown and dressed in Orkney, and plaited by the females.
RUSSELL, J.	Belgium: Liege	Numerous collection of sporting and trade guns	8	Fowling pieces. Pistols.
RUSSELL, J.	France: Lyons	Fancy vest in velvet plush	13	Silks for waistcoats. Gileons, velvets, and silk trimmings.
RUSSELL, J.	France: Tourcoing	Morquette or velvet carpet	19	Coarse and fine morquette, curtain and panel, &c. Specimens of [combed wool merinos, spun silk.
RUSSELL, J.	Spain: Talavera	Silk	4	
RUSSELL, J.	France: 17 Rue Jean Robert, Paris	Cheap hous: clocks	10b	Clocks. Regulators and kitchen jacks.
RUSSELL, J.	France: Lyons	Velvets, gauzes, satins and taffeta handkerchiefs, collars, shawls, and scarfs, in excellent taste	13	Neckerchiefs, shawls, scarfs, dresses, and parasols.
RUSSELL, J.	England: Birmingham	Cut nails	22	Cut-nails, consisting of upwards of 200 distinct varieties of the most useful sizes, made of iron, zinc, brass, and copper.
RUSSELL, J.	Russia: Warsaw	Collection of furniture and designs	26	Paper. Paper-hangings. Table covers in oil-cloth. Pencils.
RUSSELL, J.	England, Ross, Herefordshire	Deck seat to form a raft. This can be readily formed into a safety raft capable of sustaining eight people	8	(Model of marine life-preserving deck seat, so constructed that in three minutes it can be changed into a safety raft, capable of sustaining eight people on the water.
RUSSELL, J.	Switzerland:	Chronometers	10b	Chronometers.
RUSSELL, J.	England: Birmingham	Best guns and sporting guns	8	Rifles, double tiger guns, punt guns, pistols, &c. Improved cork-screws, and carving forks.
RUSSELL, J.	Scotland: Edinburgh	Roll tobacco and snuff	3	Tobacco, imported from Virginia into Leith, raw and manufactured.
RUSSELL, J.	England: Southwark	Golding's hops, grown by Mr. Phillips of Orfham, in Mid Kent	3	Golding's hops, grown in The Hill, in Mid Kent, in East Kent, and in the heart of Mid Kent. Jones's hops, from Kent and Sussex.
RUSSELL, J.	Ireland: Belfast	Light shirting linen for export	14	Grape hops. Colgate hops. Double damask table-cloths. Double damask cloth. Samples of Irish linen.
RUSSELL, J.	England: Stourbridge	Cut glass	24	Cut and plain crystal glass; crystal cased with coloured glass. Opal cornelian, chrysolite, and Turkey glass ornamented in enamel colours.
RUSSELL, J.	England: 2 Keppel-st., Russell-square	Carved box	26	Carved oak frame and picture cornice. Table and stool. Designs for Elizabethan furniture, wall papers, mounted horn. Chromolithographic prints.
RUSSELL, J.	France: Gouxville	Wool	4	Two fleeces of rams of a pure breed, two years old.
RUSSELL, J.	Austria: Königsaal	Beet sugar	3	Beet root sugar.
RUSSELL, J.	Switzerland: Bâle	Plain satin ribbons	13	Specimens of ribbons.

DESCRIPTION OF ARTICLES EXHIBITED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

RICKETS, C.	England : 5 Agar-street, Strand	Gas stoves	22	Apparatus for cooking, &c., by jets of coal-gas mixed with air, for chemists' use.
RIDDLE, W.	England : East Temple Chambers	Apparatus for extinguishing fire in ships, signal lamps, &c.	22	Ever-pointed pencils. Apparatus for extinguishing fire in ships. Railway carriage, lighted by compressed coal-gas. Signal lamps, stoppered canisters, latch and bolt union, suspensory couch, detector bolt, railway buffet.
RIDGWAY, John, and Co. . .	England : Newcastle-under-Lyne	Earthenware	25	English porcelain table-service, tea and coffee service, improved fine earthenware, lawn fountains, and conservatory fountains. Specimens of staircase. Drab stone pottery. Hollow bricks. Model kiln for burning pottery.
RIEGO DE LA BRANCHARDIERE, E. Mlle.	England : New Bond-st.	Crochet work frock, berthe &c.	19	Crochet work. Flouncings, imitation of Spanish point lace. Design in silk and gold for prayer-book cover.
RIE, Peter	Russia : Tauride	Silk	4	Raw silk.
RIETSCHEL, Ernst	Saxony : Dresden	Plaster group, La Pieta ; Bas reliefs in marble . .	30	Sculptures: the Christangel, relievo, Carrarian marble ; Cupid mounted on the back of a panther, relievo, Carrarian marble ; Maria kneeling at the dead body of Jesus Christ, full size group, in plaster-of-Paris. Chronographers and watches.
RIEUSSEC, N.	France : St. Mandé	Watch with printing second hand	10b	
RIGBY, W. & J.	Ireland : Dublin	Guns, pistols, and rifles, and barrels of Damasque	8	Guns and rifles, double and single. Rifle and revolving pistols. Parts of guns in unfinished state.
RIGBY, E. R.	England : 80 Gracechurch-st.	Brushes	28	Specimens of brushes, manufactured from quills, as useful and durable as bristles.
RIGMAIDEN, Lieut. J., R. N.	England : 6 Harley Place .	Model of improved mode for setting up the stand. ing rigging of a ship.	8	Model of lanyard-plates, to set up standing rigging of ships, in lieu of rope lanyards and dead-eyes.
RIGNON, F. and Co.	Sardinia : Savigliano, Saluzzo .	Orgazine for satins	13	Specimens of raw and thrown silk.
RINGUET-LEFRANCE, E. . .	France : 9 Rue Caumartin, Paris	Carved cabinet for medals	26	Medal cabinet of ebony and carved pear-tree wood. Decorative furniture.
RIPALDA, Count	Spain : Valencia	Hemp	4	Orleans and Cobourg cloths. French de-laines and merinos, ombre damasks and alpaca, and balzarine brocades. Damask table cover. Plain balzarines, all exhibited as specimens of dyeing.
RIPLEY and Sons	England : Bradford	For the dye of Orleans and Cobourg cloths mixed of cotton and wool	18	
RIPLEY, P. W.	China : Canton	A large assortment of teas of the finest quality . . .	3	A collection of the various teas exported from Canton, in chests, preserved animal and vegetable substances,
RITCHIE and M'CALL . . .	England : 137 Hounsditch	Preserved meats	3	
RIVAIT and ANDRIEX . . .	France : 1 Rue de Normandie, Paris	Furniture inlaid with porcelain	26	Furniture inlaid with porcelain.
RIVIERE, R.	England : 28 Grent Queen-st.	Bookbinding	17	Specimens of bookbinding.
ROBE, J.	Canada : Montreal	Biscuits	3	Box of biscuits.
ROBERT, A. and Co.	France : La Villette	Itall of tinfoil, &c.	22	Plate, small ingots, pieces and ingots, forged in brass. Ingots of pure tin. Pewter box. Roll of tin-foil for looking-glasses.
ROBERT-WATKIN and Co. .	France : Bar-le-Duc	Corsets	20	Seamless stays, a new system.
ROBERTS, W. and Co. . . .	Scotland : Glasgow	Tweeds	12	Piece of Scotch tweeds.
ROBERTS, R.	England : Manchester . . .	Table-clock, and watch-plate drilling machine . . .	10c	Wrought exception to the rule, which is not for watch and clock work. (Alpha exception to the rule, which is not for watch and clock work. some table of watch, &c. Responder watch, with double balance.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
ROBERTSON, J. and I.	Scotland : Paisley ..	Shawls	15
ROBERTSON, CARB, and STEEL	England : Sheffield ..	Stove grates	22
ROBINSON, Brothers, and Co.	France : Givors ..	Crown glass	24
ROBINSON, ASPLUND, and Co. ..	England : Northfleet ..	Illustrations of Portland cement	27
ROBINSON, and Co. ..	England : 12 Mount-st., Grosvenor-square	A park phaeton, very neat and an excellent piece of work	5a
ROBINSON, J. and W. and Co.	England : 3 & 4 Milk-st. ..	A variety of satins, serges	13
ROBINSON, J. and R. and Co.	England : 30 Milk-st. ..	Velvet vestings, &c. black armazines, silks and satins for cravats	13
ROBINSON, J. and T.	England : Spitalfields ..	Black and coloured velvets	13
ROBINSON, P. ..	America : Richmond, Virginia ..	Cavendish tobacco	3
ROBINSON, T. ..	England : Dewsbury ..	Blankets	12
ROBINSON, Thomas ..	United Kingdom ..	Lace curtain	19
ROBINSONS and RUSSELL ..	England : Mill Wall Works ..	Large steam sugar-cane mill	6
ROBINSONS and RUSSELL ..	As above	Models of steam-boats, designed and built by them	8
ROCHATZ, C. and Co.	Prussia : Mulheim-on-Ruhr ..	Zinc and its preparations	1
ROCHER, M. ..	France : Nantes ..	Distilling and cooking galley	8
ROCK and Son ..	England : Hastings ..	Patent Diarophia, very ingenious as regards the shifting, and well shaped	5a
ROCK and GRANER ..	Wurtemberg : Biberach ..	Toys	29
ROCKSTROH, H. ..	Austria : Vienna ..	Specimens of waistcoatings	15
RODEL and Sons ..	France : Bordeaux ..	Preserved fruits	29
RODGER, Lieut. W. ..	England : Chelsea ..	Models of improvements in form of anchors	8
RODGERS, J. and Son ..	England : Sheffield ..	Cutlery	21
ROBLER and HUSTE ..	Saxony : Leipzig ..	Painted table covers, &c. ..	19
ROGER, Brother's, and Co. ..	France : Trie-Château ..	Merino yarns	12
ROGERS and DEAR ..	England : St. George's Place, Hyde Park Corner ..	Bedstead	26

Coloured woven harness. Wool plaid and shawls. Coloured printed plaid and shawls, in barge, and culmire d'Ecosse. Ornamental cast-iron mantelpieces, drawing-room and other grates, fenders, and sets of polished fire-irons. Window glass of various colours.

Illustrations of Portland cement, to show the strength for making sandings, cills; paving, &c. Illustration of its comparative strength. Britannia phaeton of new design, with registered lock or wheel-plate.

Velvets for pulpits, and for waistcoats. Black armazines for robes. Figured silks and satins.

Velvets for pulpits and vestings. Armazines for robes. Figured silks and satins for dress and vests. Figured silk manufactures for fancy purposes, as a memento of the Exhibition.

Black and coloured velvets. Specimens of manufactured tobacco. Three-points Mackinaw, super-merino, merino bath, and resed blankets! Lace curtain. Portable steam sugar cane mill.

Models of steam boats. White zinc, intended as a substitute for white lead. Samples of roasted zinc ore and spelter; of zinc ores and rolled zinc. The raw materials from native mines. Apparatus for distillation. Sub-marine condenser.

Diarophia, combining a Clarence or piletum coach, a barouche, and an open carriage. Pony carriage. Carriages, Carriages, Toys of tin and iron plate, brass, and papier-maché. Countries, mountains, chapels, hermitages, mills, ships. Waistcoatings of wool and cotton. Preserved food.

Small palmed anchors, with improved iron stock. Sportsman's knife, containing eighty blades and other instruments. Sportsman's knife, three-quarters of an inch long, containing fifty-six blades and other instruments. Specimens of table and pocket knives of all descriptions, razors, &c., showing the several stages of manufacture, from the raw material to the finished goods. Oil-cloths, floor-cloths, partly varnished; and oiled fustian. Assortment of woollen threads. Renaissance bedstead in walnut-wood, carved. Ottoman coal sarco-phagus. Mahogany bedstead with washing apparatus.

NAME.	LOCALITY.	ARTICLES REWARDED.		Class.	DESCRIPTION OF ARTICLES EXHIBITED.	
		Cobourg cloths in worsted and cotton	Cobourg cloths in worsted and cotton			
ROGERS, G.	England : Bradford	12	Cobourg cloth of fine quality; silk and cotton warp.	{ A cradle covered in Turkey box-wood, symbolising the union of the Royal house of England with that of Saxe Coburg and Gotha. Samples of ultramarine, free from poison, or any admixture of other colouring substances. Four pianos of various descriptions. A dress in imitation of Brussels's point lace in tambourine work. Corsage or pointe, made of diamonds and pearls, in three parts. Metallic writing slates, prepared after a new invention by the exhibitor. Porcelain embossed dinner, dessert, and tea tripod épergne, flower vase, small coffee sets, clock-case, and flower-vase. Group of figures, &c., in Parian. Large porcelain egg-shell bowl. { Design for timber viaduct of great span, suitable for railway or other purposes; the beams forming it interwoven like basket-work. Brass cauldrons. Watch and clock machinery. Wire cloth for paper makers. Gold and silver watches; the various parts of a lever watch in the progressive stages of manufacture. Daggers, trophies, hangers, &c., with reproduction of ancient frosted work, inlaid work, and fillagree. Wheat flour. Sugar loaves, unrefined. Prepared flax, employed in hand and power looms. Brilliant and ruby bracelet, Hobbein style. Brilliant and emerald stomacher brooch. Gold and enamel bracelet, with carbuncle and diamonds. Another in same style with figures. Shawl-pins, studs, brooches, &c., buttons, belt-plates, and sword furniture. Wire-loop brace buttons and eyelet-holes. Whip and stick handles. Models of various yachts. A bust in iron of the King of Spain as taken from the mould. Porcelain and biscuit: vases, goblets, pitchers, and flower-vases, with pictures and designs, and a bust of the King of Spain. White biscuit statues, the subject of a bust of the King of Spain. White biscuit statues, the subject of a bust of the King of Spain. White biscuit statues, the subject of a bust of the King of Spain.
ROGERS, W. G.	United Kingdom	..	..	30	Cradle carved in Turkey box-wood.
ROUR, F.	Nassau : Wiesbaden	..	..	2	Ultramarine
ROULETTE and BLANCHET	France : % Rue Hauteville; Paris	10a	Three pianofortes.	{ Double-flounce scarfs, &c. Setting of precious stones Metallic writing slates (special approbation) China
ROLMH, J.	England : Coggeshall	..	..	19	Double-flounce scarfs, &c.
ROMAIS, D.	Netherlands : Rotterdam	..	..	23	Setting of precious stones
ROMETSCH, C.	Wurtemberg : Stuttgart	22	Metallic writing slates (special approbation)	{ China Design for a timber viaduct of great span Brass cauldrons, &c. Collection of models and watches Wire-cloth for paper-makers Collection of watches Inlaid work Wheat flour Beet sugar Flax Jewellery Buttons Models of vessels belonging to their club. Iron bust of King of Spain Porcelain
ROSE, J. and Co.	England : Coalbrook Dale	..	..	25	China
ROSE, J. T.	Scotland : Leith	..	..	7	Design for a timber viaduct of great span
ROSE, Baron A. de	Belgium :	22	Brass cauldrons, &c.	{ watches Wire-cloth for paper-makers Collection of watches Inlaid work Wheat flour Beet sugar Flax Jewellery Buttons Models of vessels belonging to their club. Iron bust of King of Spain Porcelain
ROSKELL, J.	England : Liverpool	..	..	10b	Collection of models and watches
ROSEWAG, A. and Son	France : ..	..	..	6	Wire-cloth for paper-makers
ROTHERAM and Sons	England : Coventry	10b	Collection of watches	{ Inlaid work Wheat flour Beet sugar Flax Jewellery Buttons Models of vessels belonging to their club. Iron bust of King of Spain Porcelain
ROTICOT, J.	France : Belleville..	..	..	30	Inlaid work..
ROUSSANOFF, —	Russia : Orel	..	..	3	Wheat flour
ROUSSEAU, Brothers	France : 9 Rue de l'Ecole de Médecine, Paris..	3	Beet sugar	{ Flax Jewellery Buttons Models of vessels belonging to their club. Iron bust of King of Spain Porcelain
ROUXEL, F.	France : St. Brieux	..	..	3	Flax
ROWLANDS, C. and W. . . .	England : 146 Regent-st..	..	..	23	Jewellery
ROWLEY, —	England : Birmingham	22	Buttons	{ Models of vessels belonging to their club. Iron bust of King of Spain Porcelain
ROYAL THAMES YACHT CLUB	England : Isle of Wight..	..	..	8	Models of vessels belonging to their club.
ROYAL ORDNANCE	Spain : Trubia	..	..	22	Iron bust of King of Spain
ROYAL BAVARIAN PORCELAIN MANUFACTORY	Bavaria : Nymphenburg, Munich	25	Porcelain	

NAME.	LOCALITY.	ARTICLES REWARDED.	Q.	DESCRIPTION OF ARTICLES EXHIBED.
ROYAL DANISH PORCELAIN MANUFACTORY	Denmark : Copenhagen ..	Porcelain	25	Ornamented and decorated vases ; decorated dessert-plates, and break-fast cups and saucers ; exhibited for style and cheapness. Figures, busts, and bas-reliefs, in biscuit, after Thorwaldsen, subjects sacred, allegorical, and mythical. Decorated Etruscan vases, modelled after the antique, exhibited for manufacture. Vases, with paintings after Peter Vischer, Mieris, Slingsland, Von Kriber, and Bellermaun. Chandeliers of a green mass, with biscuit-figures upon a bronze socket, and pedestal of gypsum-mabile, with nineteen bronze candlesticks, and bronze basins. Punch-bowl, with the painting of a drinking company, after Hogarth. Flower vessel, after Watteau. Octagonal dejeuner, of eight pieces, in lapis-lazuli ground.
ROYAL PRUSSIAN PORCELAIN MANUFACTORY	Prussia : Berlin	Porcelain	25	
ROYAL PRUSSIAN IRON FOUNDRY	Prussia : Berlin	Inlaid silver	23	
ROYLE, J. F.	India	Collection of animal, vegetable, & mineral substances	29	Collection of animal, vegetable, and mineral substances.
RUBS and Co.	France : St. André-de-Valborgne	Silk	4	White and yellow raw silk.
RUBLAND, Ducal Foundry Inspection at	Prussia : Brunswick ..	Specimens of stereotype in iron, the Bible printed therefrom	17	Slabs of marble found near Rubeland, principally black, grey, and red. Can be obtained in blocks of nine feet in length, and five feet in breadth.
RUDALL, ROSE, and Co. ..	England : 38 Southampton-st. ..	A Boehm's patent flute ..	10a	Carte's flutes, in silver and wood. Boehm's flute. Improved ordinary flute.
RUEL, W. H.	England : Holborn	Crucibles	27	Crucibles for assaying.
RUEZ, L.	France : Cambrai	Starches	4	Various sorts of starch.
RUFER & Co.	Prussia : Breslau	Zinc and zinc plate	1	An assortment of zinc plates, including two as thin as a sheet of paper. Zinc plates for tiles.
RUFIN, Alfred	Prussia : Rüstern, Liegnitz ..	Flax	4	Flax grown in Silesia, and swungled in the Belgian method. Heckled flax.
RUSSIA, Imperial Manufactories of	Russia : St. Petersburg, Olonetz, Zlatoust, Altai, Perm, Nynetourinsk, Verkhne-Barantchinsk, Verkhne-Tourinsk, Viatchka, Orenburg, Tomsk, and Poland	Iron and copper	1	Steeped flax and tow. Iron ores. Limestone. Cast iron for heavy guns. Cast steel. Silver ores. Fine silver, &c. Limestone. Lake salt. Fire-brick. Geological specimens of the rocks of the Permian system of Sir Roderick Murchison. Magnetic iron ores and limestone. Melnikovsk and other ores. Fire-stone, brown iron-stones. Fibrous and wrought iron. Bar-sheet iron. Rolled iron of different forms and dimensions. Pig iron. Puddling and other iron. Cast steel. Various geological specimens. Scrap sheet, and boiler plate-iron. Wrought and soft cast-iron. Samples of cast and Damascus steel. Sheet, oxidized and boiler plate-iron. Native copper, and copper ores. Vitreous ore with copper-pyrites, impregnated with quartz. Reniform malachite.
RUSSIAN IMPERIAL CABINET	Russia : St. Petersburg ..	A pelisse lining made from the necks of the silver fox	16	Fur pelisse lining.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class
RYDER, W.	England: Bolton ..	Forging machine	6
RIFFEL and Co. ..	Switzerland: Zurich ..	Half-Florence, Florence, and Marceline	13
SACRE, E.	Belgium: Brussels ..	Balance	10
SADLER, FENTON, and Co. ..	Ireland: Belfast ..	Heavy shirting linen for export (bleached) ..	14
SAINTE, MESST. ..	India: Calcutta ..	Cocoa-nut oils	4
SALE, J. N.	England: Manchester ..	Printed cotton shirtings..	18
SAUM, Prince.. ..	Austria: Blansco..	Cast-iron statue of Radetsky, considered as a specimen of casting, (and special approbation) ..	22
SAUT and LLOYD ..	England: Birmingham ..	Bronze and lacquered lamps	22
SALT, Titus	England: Bradford ..	Alpaca and mohair fabrics, also their yarns; moreens for furniture hangings..)	12
SALTER, S. and Co.. ..	England: Trowbridge ..	Woolen cloths	12
SAUTER, S.	United Kingdom ..	Models of bridges	7
SALTER, S.	As above	Model of St. Nicholas Church, Hamburg ..	30
SALOMONS and Sons..	England: 49 Old Change ..	Embroidered work	19
SAMUELSON, B. ..	England: Banbury ..	Turnip cutter	9
SANCHES, Pescader ..	Spain: Madrid ..	Bedstead of cast steel with bronze ornaments, (and special approbation) ..	22
SANDERSON and REID ..	England: Gresham-st. ..	Figured vestings	13
SANDERSON, R. and A. and Co.	Scotland: Galashiels ..	Collection of tartans ..	15
SANDSTER, W. and J. ..	England: 14, Regent-st..	Alpaca umbrellas	29
SANIN, —	Russia: Kaluga ..	Salts of lead, &c.	2
SANTA CLARAZ, the Nursery of	Portugal: Funchal ..	Feather flowers	29
NATOP-SINGER, Huter of	Russia: Moscow ..	Specimens of gold and silver braided and other articles	29

Forging machine for small articles up to two inches, round or square, with specimens. Slubbing, roving, and throstle spindles and flys, and all kinds of rollers for cotton machinery.
Silk stuffs. Velvet for waistcoats, aprons, handkerchiefs. Exhibited for cheapness and quality.

Two pair of precision scales.
Samples of Irish flax. Specimens of Irish linen. Slate linen. Linen and brown sheeting. Creas, Britannias, estopillas, Slesias, platillas, and drills.

Cocoa-nut oil.
Collection of shirtings and of cottons, printed by machine and block.
(Cast-iron gas chandelier. Cast-iron statue: Field-Marshal Count Hadetsky, modelled by Fernkerna. Four cast-iron statues, representing heroes from the Nibelungenlied.

Lamps and stands, candelabra, &c. Cast-brass, from Bankart's copper. English's camphine.

Alpaca manufactures. Specimens of British and American Alpaca wool, &c. Mohair manufactures, and specimens of mohair. Moreens made from English and Russia wool, with specimens of Russia wool. Specimens of fine woolen trousers.

Model of the new county assize courts, erected at Cambridge; the principal front of Whitley stone, and the fittings of the interior of oak. Model in card of the new church of St. Mary and St. Nicholas, at Wilton.

Model of St. Nicholas Church, Hamburg.
Ladies' embroidered robes, &c. Irish and French cambric handkerchiefs. Musin trimmings, flouncings, and insertions.

Double-action turnip-cutter. Chaff-cutter. Universal mill. Improved bean-mill. Oil-cake breaker. Atmospheric churn. Ploughs. Horse-hoe. Ornamental cast-iron table and stool. Self-acting kitchen-range. Bedstead of cast-steel, with bronze ornaments, chased and gilt. Specimen of silk weaving for a chair cover. New pattern, and cloth for furniture. Samples for waistscoting.

Scotch woollen clan and fancy plaids. Gentlemen's plaids. New parasol. Application of feathers as ornaments to parasols. Alpaca parasols and umbrellas. Holland's light silk umbrella. Sugar of lead.

Specimens of feather flowers.

Gold braided

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
SARAGOSA, Agricultural Society of	Spain	Collection of produce ..	4	Collection of produce.
SARASIN and Co.	Switzerland : Bâle ..	Specimens of figured ribbon ..	13	Cases containing specimens of ribbons.
SARASIN, J. F.	As above	As above	13	As above.
SARRE, H., Jun.	Prussia : Berlin ..	Soups	29	Green soap, with natural grain. White grain, Elain soap. Palm-oil Soda soap. Tallow soap.
SAUBREY, V.	Switzerland : Bâle ..	Target rifle	8	Swiss rifle, and walnut case, with necessary apparatus.
SAUNDERS, W. W.	England : Wandsworth ..	Collection of woods	4	Collection of woods, arranged geographically, with specimens of veneers.
SAUNDERS, J. E.	United Kingdom ..	Model of a well-dressed smack for fishing, fitted with auxiliary screw-propeller. A novel application to vessels of this description		
SAUNDERS, T. H.	England : Queenhithe & Dartford	A novel style of watermark on paper, the watermark giving gradation of shade. It was invented by Mr. Oldham, of the Bank of England, under whose instructions Mr. Saunders applied it in the manufacture of paper Machine for planing and moulding wood	8	Model of a well-dressed smack.
SAUTREUIL, — Jun. ..	France : Fécamp	Plated gold	17	{ Parchment paper. Bank-note paper. Glass transparency to show the water-mark. Safety paper for cheques.
SAVARD, A.	France : 22 Rue St. Gilles, Paris	False stones	6	Planing and moulding machine.
SAVARY and MOSBACH ..	France : 2 Rue Vaucanson, Paris	Gardeners' knives	23	Locks, chains, brooches, bracelets, &c., lined with gold. Snuff-boxes, gurgets, and other ornaments.
SATNOB and Sons	England : Sheffield ..	Net curtains, &c.	21	Imitations of diamonds, precious stones, and pearls.
SCHAEFFER, SCHLATTER, and KUSTEINER	Switzerland : St. Gall ..	Coach laces, &c.	19	Pruning and budding knives, of superior workmanship and material.
SCHAEFF, R.	Prussia : Brieg	Plate, printing, writings, and tissue papers, the mark put on dry, by a peculiar process, after the paper is made ..	19	Lace and muslin curtains. Muslin dress. Tartan. White jacquard muslin. Shawls with needle-work and fringes.
SCHAEUFFELSEN, G. ..	Wurtemberg : Heilbronn	Bohemian glass	17	Silk and worsted borders, tassels, and gimps, for carriages. Bridles, gun-ribbons, girths.
SCHAFEGOTSCH, Count ..	Prussia : Josephinenhutte, near Warmbrunn	Red lakes	24	{ Coloured and white pasteboard. Tissue-paper, white and coloured. Letter-paper, exhibited for quality. Post-paper, white and coloured. The name of the manufacturer is inserted by a contrivance for machine paper.
SCHARENBERG, A.	Mecklenberg - Sirelitz : Neustrelitz		2	Flower decoration. Colossal ruby vases. Enamel-like flower vases. Aquamarine enamel vases, with gilt decoration. Sugar-water set. Chalice-glasses, with carved arabesques, and with handles carved, dyeing all sorts of stuffs.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
SCHUBLER and Co. . .	Austria : Milan . . .	Silk	4	Six specimens of cocoons : yellow, coarse fibre ; yellow, delicate ; yellow, satin ; yellow, saffron ; white, coarse fibre ; white, fine fibre. Specimens of raw silk, one thread ; raw silk, yellow and white. Specimens of tram silks, three threads. Specimens of organzine silk, for velvet, heavy and light satin and plush. Specimens of Grenadine : Organzine Grenadine, four threads. Two qualities of Grenadine manufactures. Looms.
SCHUBLER and Co. . .	As above	Organzine, 28 deniers for satin, and for their grenadine, 48 deniers, in four threads . . .	13	As above.
SCHUBLER and Co. . .	Prussia : Crefeld . . .	Plain and fancy velvets and velvet ribbons . .	13	Velvet ribbons ; fancy ribbons, ringed ; stamped velvet scarfs. Silk velvet. Plush for hats and caps. Watered silk. Striped and glazed silk. Black silk serge and lutestrings. Black silk for waistcoats.
SCHIEDMAYER and Son . .	Wurtemberg : Stuttgart . .	A square piano-forte in mahogany	10a	Grand piano-forte, in rosewood, with newly-invented double action. Square piano-forte, in mahogany. Cottage piano-forte, in nut-wood, decorated and ornamented with original wood carvings.
SCHMIT, —	France : Sèvres	Painting on a vase . . .	30	Vases, painted and ornamented.
SCHLEICHER, C.	Prussia : Bellevallée, near Aix-la-Chapelle	Galvanized steel wire . .	22	Galvanized cast-steel wire. Various wire rings, and samples of unfinished and finished needles. The raw material of English origin.
SCHLIPPE, C.	Russia : Moscow	Prussiates, alum, &c. . .	2	Prussiate of potass. Alum. Muriate of tin. Oxalic and tartaric acids. Vinegar. Lelocome.
SCHLOSS (Widow), & Brother . .	France : 15 Rue Chapou, Paris . .	A large collection of portfolios, porte-monnaies, porte-cigars, and other leather articles	17	Portfolios, cash-boxes, cigar-holders, and steels. Baskets, knapsacks, and trusses.
SCHLUMBERGER, G. and Co. . .	France : Mulhouse	Danasks for furniture hangings, of worsted and silk	12	Woollen and silk stuffs for furniture. Fabrics from the Jacquard loom.
SCHLUMBERGER, jun., & Co. . .	France : Thann	Cylinder printed calicos and jacouets	18	Printed cottons, and woollen and cotton prints.
SCHMAUTZ, C., sen.	France : 19 Rue du Cherche-Midi, Paris	Letter-press rollers . . .	22	Rollers, frames, and straps, for lithographic press.
SCHMEBER, J.	France : Regolsheim	Forging machine	6	Vertical hammer to forge all kinds of work with varying force, and capable of increase by the aid of springs.
SCHMID, H. D.	Austria : Vienna	Weighing machine, parabolic governor for a steam engine	5	Steam-engine, with parabolic regulator of new invention. Model of scale-beam. Designs for beet-root sugar factories.
SCHMIDT, J. G. jun., & Sons . .	Saxony : Penig	Folded card-yarns	12	Knitted worsted yarn, in different colours, and a book of shades. Embroideries on jacouet, silk, and cambric, with cotton and silk. A set of furniture ; easy chair, pillow and cushions embroidered à la Française ; foot-stool ; window curtains with fringes ; wall-pocket ; table-cover ; shades ; letter case ; and pincushion, embroidered in the French style.
SCHMIDT, G. F. and Co. . .	Saxony : Plauen	Cushions, &c., for a set of furniture	19	A middle-sized kitchen stove.
SOMMER, Caspar	Prussia : Soest	Kitchen stove	22	

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES EXHIBITED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
SCHMIEGER, A. ..	Austria : Neudeck ..	Woolen yarns ..	12	Worsted and woolen yarns. Woolen fabrics, including Thibets, muslin, cloth.
SCHMOLZ, W. and Co. ..	Prussia : Solingen ..	Cutlery ..	21	Swords and cutlery.
SCHNEIDER and LEGRAND ..	France : Sedan ..	Shearing machine ..	6	A shearing machine,
SCHNEIDER, — ..	France ..	Specimens and plans of steam-boat "L'Océan," for the river Rhone, which vessel has attained great speed, and rendered much service to the commerce on that river ..		
SCHOEN, SCHREIBER, and Son. ..	Switzerland : Herisau, Canton of Appenzel ..	Embroidered handkerchiefs ..	8	Model and plans of steam-boat.
SCHOBEL, C. A. ..	Switzerland : St. Gall ..	Model of Mount Sents ..	19	Embroidered handkerchiefs and collar.
SCHORFELD, BROWN, DAVIS, and HALSE. ..	England : 1 Gresham-street ..	Flannels, by Messrs. J. Schofield and Co., Haybrook, Rochdale ..	10	Model in relief of the mountains of Appenzel, including a surface of about 130 square miles. The apparatus and the plastic substance of the relief, the exhibit r's invention.
SCHOLL, A. ..	Austria : Brunn ..	Woolen cloths ..	12	Flannel, in a variety of styles ; comprising Royal Victoria flannels, manufactured from yarn spun from silk and wool ; merino, flax, silk-warp, Thibet, and in fancy dyes.
SCHOLLER and SONS. ..	Prussia : Duen ..	Woolen cloths ..	12	Fine cloths. Brazilian, elastic cushioners, dooskin, and winter stuffs.
SCHOMBURG, Sir R. ..	St. Domingo ..	Collection of produce ..	4	Woolen cloths : wool-dyed blue cloth ; pomme de rhene ; black, souriet, charet, Rusix de Corinthe. Crêpe-de-laine, bronze d'or, blue. Seventy-four specimens of mahogany and four of Espanillo or satin wood. Starch prepared from the plant called Guayiga, found in great abundance in St. Domingo. Vegetable wax and "curtols" prepared therefrom, the product of a shrief, indigenous to the northern parts of the Dominican Republic. A petrified mass of chancu, a wood used at St. Domingo for posts to construct huts, probably converted into stove after the hut had been burnt down, the wood still bearing the marks of fire. Copper ore and allied rocks from the yet unexplored rocks of the interior of the island.
SCHONBERG YARN-SPINNING MILL ..	Austria : Schonberg ..	Hemp ..	4	Raw flax, heckled flax, and flax made therefrom.
SCHONEVELD and WESTERBAAN ..	Netherlands : Gouda ..	Starch ..	4	White and grey potato meal, or farina. Potato gum. Sago.
SCHOOLEY and HOUGE ..	America : Cincinnati ..	Ham ..	3	Samples of hams and shoulders.
SCHOPPER, M. A. ..	Austria : Vienna ..	Brocatelles ..	13	An extensive selection of silks for furniture, in brocades, lampas, satins, and damasks. Carriage linings.
SCHREIBER, J. C. G. ..	Prussia : Merseburg ..	Enamelled card boards, and paper, &c. ..	17	A large dressing-case, inlaid with silver. A variety of dressing-cases. Oval, round, seed, and sundry boxes. Visiting cards, albums.
SCHREIBER, F. A. ..	Saxony : Dresden ..	Pillow lace ..	19	Laces and embroideries, imitation Brussels. Volans ; barbe ; barbe, &c. Embroideries : collars, ruffles, and pocket-handkerchiefs.
SCHRODER, J. ..	Duchy of Hesse : Darmstadt ..	Descriptive models of joining in wood, crystals, &c. ..	10	Geometrical and other models. Models of joinings in wood and of roof joinings. Patterns of roof and other mouldings. Models of crystals, according to Dr. Kopp. Model of a window frame, spiral staircase, several drawing instruments.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
SCHULZ C.	Prussia : Essen	Walking-sticks	29	Varnished leather for caps, shoes, and hats. Walking-sticks and sword-canes of whalebone. Dragon and Malacca canes.
SCHULZE, J. F. and Sons ..	Prussia : Paulinzella	An organ	10a	An organ : its peculiarities consisting in great power of tone and simplicity of mechanism, with a contrivance for producing deeper tones, and an arrangement for accelerating the transmission of sound.
SCHURMANN and SCHRODER	Prussia : Lennes	Woollen cloths	12	Samples of black cloth ; the same twilled ; mulberry and blue cloth, dyed in the wool.
SCHUTZ, L.	Netherlands : Zeijst, near Utrecht	Zinc casting	22	Specimens of zinc casting ; stag, flower-table, &c. Flower-tables, vases, and baskets, in wood and twisted reed.
SCHWABE and Co.	England : Manchester	Printed calicos in madder and garancine	18	Printed cotton, cambrics or calicos. Printed cotton muslins.
SCHWANN, KELL, and Co. ..	England : Bradford	Fabrics of various descriptions, and all adapted for foreign markets	12	{ Merinos. Cobourgs, lastings, alpacas. Silk and cotton dresses. Cotton and worsted checks. Cotton and wool plaids.
SCHWARTZ and HUGUENIN. .	France : Mulhouse	Printed cotton chintz, colours for furniture	18	Printed woollen and cotton cloths. Printed lastings.
SCHWARTZ, J. . . .	Austria : Vienna	Mother-of-pearl ornaments	28	Medallions, pen-holders, needle-cases, thimbles, paper-knives, ink-stands, screens, watch-stands, and similar articles of mother-of-pearl.
SCHWARZENBACH, F. J. . .	Switzerland : Zurich	Gros-de-Rhin, and Poul-de-socé	13	{ Silk stuffs. Velvets for waistcoats, aprons, handkerchiefs. Exhibited for cheapness and quality.
SCHWARZENBERG, Prince ..	Austria : Murau	Iron and steel	1	{ Paal, Brescia, and Styria steel, and hard iron. Refined steel. Soft iron for blistered steel.
SCHIEFTZ, J. G. . . .	France : 27 Rue de la Huchette, Paris	Photographic apparatus	10	{ Optical apparatus. Apparatus and stands for daguerreotyping. Stands for telescopes.
Scott, Brothers	Tuscany : Florence	Silk	4	Raw silk, from the exhibitors' spinning-mills.
SCOTT, E. and Co. . . .	England : 83 Dean-st., Soho	Collection of woods	4	Walnut and rosewood veneers.
SCOTT, —	Turkey	Silk	4	Specimens of silk.
SCOTT, L. . . .	England : 41 Moorgate-st.	Oxide of zinc	2	White and grey oxide of zinc, an innocuous substitute for white-lead in artistic and house-painting, &c., produced from spelter.
SCRAGG, T. . . .	England : Tarporeley	Tile machine	9	A double-action machine for making draining tiles and pipes.
SCHIVE, Brothers	France : Lille	Damasks (including their yarn and power loom goods)	14	Flax and flax-tow thread, manufactured by new processes.
SCRIVE, Brothers	As above	Card clothing	6	Plates and card-straps for carding cotton, wool, and flax-tow.
SEABROOK, W. . . .	America : Charleston	Cotton	4	Specimens of Sea Island cotton.
SEAMER, T. . . .	England : 5 Milk-st.	Moiré, antique, and plain velvets	13	Thirty-six inch moiré antiques, English dye and crimson velvet.
SEEL, H. . . .	Prussia : Elberfeld	Pharmaceutical apparatus	10	Pharmaceutical apparatus, and chemical utensils, including measures, &c., of various materials.
SEEL, O. . . .	Prussia : Elberfeld	Pictures in hair	19	Ornamental articles in hair, for brooches, ear-rings, and rings. Album.
SEELY, J. . . .	England : Koppel-row, New-road	Portland cement	27	Mercury, after Glöw, de Bolognè, in the form of a fine white tone. Fountain, in artificial limestone, designed for ornamenting places.

NAME.	LOCALITY.	ARTICLES REWARDED.	CLASS.	DESCRIPTION OF ARTICLES EXHIBITED.
SEGUIN, A.	France : Rue d'Assas, Paris . .	Marble mantlepiece . .	27	Chimney, carved in white marble, medal, basso-relievo, panel moulding, angel's head.
SEIB, J. A.	France : Strassbourg . .	Enamelled floor-cloth . .	19	Glazed cloth for floors, embroidery, cloaks, &c., of various qualities.
SEIGLE, H.	Wurttemberg : Stuttgart . .	Red lakes . .	2	Carmine, Munich-carmine, lac, madder-lac, and azure colours ; and a yellow innocuous colour for confectioners.
SELBY and JOHNS	United Kingdom . .	Iron tubes and enamelled iron . .	1	Lap-welled boiler tubes ; enamelled and corrugated sheet-iron.
SELYANOFF, —	Russia : Penza . .	Oats, grown from English seed . .	3	Oats.
SEMANOFF, J. and FATALEFF, Alexis, and Basile	Russia : Kalouga . .	Bristles, &c. . . .	4	Bristles.
SENTIS, Son and Co. . . .	France : Rheims . .	Woolen yarns . .	12	Samples of woolen and worsted yarns.
SEYSEL ASPHALTR COMPANY	England : Lambeth . .	Pavement at the east entrance . .	27	Specimens of Asphalte pavement.
SHABELSKY, Colonel. . . .	Russia : Ekaterinosloff . .	Wheat (hard Odessa) . .	3	Hard wheat, called Arnaout.
SHADBOLT, G.	England : 2 Lime-st.-square . .	Microscope condenser . .	10	Sphæro-annular condenser, for condensing light in a peculiar manner on transparent objects while under examination by the microscope. Diagrams and description, illustrative of the action and construction of the condenser.
SHAND and MASON	England : 245 Blackfriars-road . .	Fire engine . .	5	Fire engines, fire-pumps, garden engines, hose and suction pipes, fire cocks, series of jet pipes.
SHARP, Brothers and Co. . .	England : 5 Gough-square . .	Table knives . .	21	Table-knife cutlery, made in London.
SHARP, T.	England : 27 Burton Crescent . .	Statue, in marble, of boy and lizard . .	30	Statue in marble : boy and lizard.
SHAVE, W. J.	England : 74 Watling-street . .	Stoves and ovens . .	22	Oven for baking bread, pastry, meats, &c., with great economy of fuel and time.
SHAW, J. W. and H. . . .	England : Huddersfield . .	Woolen cloths . .	12	Woolled, wool-dyed, and piece-dyed, black cloths.
SHAW, C.	Ireland : Dublin . .	Mechanical sculpture . .	28	Specimens of mechanical sculpture, reduced from models in plaster and bronze, by machinery adapted to a turning lathe.
SHEA, Capt.	China . .	Carved coal and pearl . .	28	A snuff-box ; specimen of Chinese carving on English cannel coal, the only specimen known. Chinese carved mother-of-pearl shell. A saucer ; Chinese specimen of enamel on copper. A small saucer, and a cup and saucer, specimens of Japanese lacquered ware, Chinese specimen of cloth made of paper. Burmese bamboo vase, elaborately carved. Two japanned chairs of Chinese upholstery and lacquered ware. Bamboo chair. Chinese lantern. Specimen of green and of crimson Chinese damask.
SHEKONIN, Alexis	Russia : Novotorjok, Novgorod . .	Embroidered boots and shoes . .	20	Embroidered velvet boots. Silk and tinsel belts.
SHEPHERD, HILL, and SINK	England : Leeds . .	Self-acting slide lathe . .	6	Self-acting slide lathe, with screw-cutting apparatus, self-acting surface and improved disengaging motion.
SHERWIN, J.	England : 21 Norton Felgate . .	Kitchen range . .	22	Economic range and supply cistern, hot closet steam kettle, bath stove.
SHIER, D.	British Guiana . .	Starch, cassava . .	4	Starch, from the sweet cassava, plantain, Buckyan, from plantation Kitty, East Sea Coast, Demerara.
SHOOLBRED and Co. . . .	England : Wolverhampton . .	Japanned ware . .	22	Coal vase, baths, wine coolers, dish covers. Bear's coffee pot, &c. Date dials for counting-houses.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBITED.
SIDI MAHMOUD BENKAD .. SIEBE, A.	Tunis .. England : 5 Denmark-st., Soho ..	Collection of native produce .. Diving apparatus	4 7	Collection of native produce of great extent and variety. A three motion diving machine. Air-pump, with a figure of a man in diving dress and helmet.
SIEBE, A. SIEGMUND, W.	As above .. Austria : Reichenberg	Rotatory syringe .. Fabrics of wool and silk, &c. ..	22 12	Rotatory universal syringe, to keep up a continual flow of water. Fine cloths, beavers, and ladies' cloths. Woollen stuffs, including Orleans, molairs, ripe, mandarins, and Austrians. Woollen shawls. Shawls composed of wool and silk.
SIEMENS, C. W.	England : Birmingham	Chronometric governor	5	Working model of a chronometric governor. Model of a variable expansion valve. Model of a surface condenser. Water-meter. Regenerative condenser. Working model of a regenerative evaporator.
SIGNOBET-ROCHAS, P.	France : Vienne	Woollen cloths (economy of production)	12	Condenser and governor.
SILBERMANN, G. SILK and BROWN	France : Strasbourg England : 8 Long Acre	Chromo-typography A full-sized park phaeton, elaborately finished, a very superior specimen of workmanship and art ..	30 5a	Woollen cloth of a new description ; black cloth ; grey twills. Letter-press of all descriptions, executed by a new process, invented by the exhibitor.
SIMCOX, PEMBERTON, and SONS	England : Birmingham	Brass work, various	22	Barouche, hung upon improved horizontal springs. A highly finished carriage, hung upon a swan-neck perch, lee and under-springs.
SIMMONDS and WOODROW	England : Oldham	Selection of felt bonnets	20	Curtain decorations. Lock furniture, finger-plates, bell-pulls, &c. Door-knockers and chains. Gothic and Elizabethan work for churches, &c. Letter-clips, letter-balances, &c. Scones. Stair and curtain rods. Miniature and picture-frames. Butt and other hinges, bolts, castors.
SIMMONS, D. and Co. SIMMS, W.	America : New York United Kingdom	Edge tools Fine astronomical instruments	21	Beaver hatting materials, from the skin to the hat, complete. Black silk hats, and reflectors.
SIMONIS, E.	Belgium : Brussels	Plaster statue of Godfrey de Bouillon, and other works	10 30	Spectimens of axes and edge-tools. Astronomical instruments.
SIMONITE, J.	England : Birmingham	Tin and enamelled ware	22	{ Equestrian statue of Godfrey de Bouillon (plaster). Truth (plaster.) Two small statues : The Happy Child, and The Unhappy Child.
SIMONS, J., Heirs of.	Prussia : Eberfeld	A variety of velvets, figured silks, cravats, handkerchiefs, scarfs, vestings, gaudes, &c.	18	Tinned wrought-iron culinary utensils. Copper coal-shovel. Wrought-iron melting ladle for plumbers, pitch, or seaming ladle, &c. Jamanned iron and galvanized sail timbles, and ship's hooks and timbles. Tinned wrought-iron timmen's furniture.
SIMPSON, J. and Co. SIMPSON and SHUFTON	Canada : Bowmanville England : Manchester	Ten horse-power reciprocating engine	3 5	{ Silk shawls, scarfs. Ladies' neckerchiefs. Black sarsener kerchiefs, Silk cravats. Waistcoats. Silk handkerchiefs, German, Indian, and imitation web. Silk velvet, and silk and half-silk stuffs. Barrel of flour.
				Improved reciprocating high pressure steam-engine.

NAME.			LOCALITY.		ARTICLES REWARDED.		Class.	DESCRIPTION OF ARTICLES EXHIBITED.	
SIMPSON and YOUNG..	..	..	England: Aterington & Manchester	..	Mousseline-de-laine (cotton warps) printed by cylinder in six and seven colours, also calicos printed in steam colours	18	{	{	{ Balzarines, barèges, and mousseline-de-laines, cambrics, cotton velvets, &c., printed by machine.
SIMPSON, H. ..	..	..	England: 55 Strand	..	For collection ..	10c	{	{	{ A series of mechanical adaptations for regulating and preventing the irregularities of the permanent teeth.
SIMPSON, G., F.R.C.S.	..	..	England: 6 Bedford-st., Bedford-sq.	..	Anatomical model of the human figure. This figure consists of pieces that may be detached at pleasure, and is calculated to stand the heat of tropical climates ..	10e	{	{	{ Anatomical model of the human figure, in papier-maché and gutta-percha. Vertical section in gutta-percha of the human head and neck.
SINGLAI, DUNCAN, and Sons	..	..	Scotland: Edinburgh	..	Specimens of printing types	17	{	{	{ Small founts of music type of different sizes and body, with specimen pages.
SINGER and Co. ..	..	..	England: Vauxhall	..	Mosaic pavement ..	27	{	{	{ Specimen of mosaic pavement of highly vitrified coloured clays.
SINGER, J. ..	..	..	Austria: Pest ..	..	Dress coats ..	20	{	{	{ Gentlemen's apparel.
SKINNER and WHALLEY	..	..	England: Stockton-on-Tees	..	Novel and useful invention of marble paste ..	27	{	{	{ Vitreous, white, and coloured marble pastes, for mosaics, buildings.
SKYOROFF, M. ..	..	..	Russia: Moscow ..	..	Curried calf-leather, and a few calf-skins curried with the hair attached	16	{	{	{ Leather, and ladies' boots.
SLACK, SELLERS, and Co. ..	..	..	England: Sheffield	..	Saws ..	21	{	{	{ A large assortment of all descriptions of pit, frame, and hand-saws, Straw or chaff knife. Ledger blade and cylinder of spiral cutters for shearing woollen cloth.
SMETON, J. and Son	..	..	Scotland: Dundee	..	Dowlas, cregdilas, creas, &c., of light and low-priced quality for export	14	{	{	{ Loom, or yarn bleached linens.
SMITH, T. and H. ..	..	..	Scotland: Edinburgh	..	Aloine and cantharidine	2	{	{	{ Specimens of aloine, the cathartic principle of the aloes, of gallic acid, of crystalized mannite, and of cantharidine.
SMITH and Son	..	..	England: Spitalfields	..	Lichen and cudbear ..	4	{	{	{ Archil and cudbear, lichens, &c., from which they are derived; and specimens of fabrics and leathers dyed and printed with archil and cudbear.
SMITH, BEACOCK & TANNETT	..	..	England: Leeds ..	..	Self-acting slide lathe, drilling and planing machines ..	6	{	{	{ Self-acting slide-lathe, with bed 18 feet long, head-stock 15 inches, centres, self-acting surfacing and screw-cutting motion, &c. Self acting drilling and planing machine.
SMITH, Thomas and William	..	..	England: Newcastle-upon-Tyne	..	Specimen model of fine merchant vessels, designed and built by them for the East India trade	8	{	{	{ Model of the merchant frigate, Blenheim.
SMITH and Co. ..	..	..	England: Stamford	..	Haymaker, chaff-cutter, horse-rake ..	9	{	{	{ Hay-making machine. Litter and chaff cutting machine. Balance lever; horse and hand rake. Lever cultivator or scarifier. Fat cutting machine. Purks or luggage cart, &c. Iron wrought wheels

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
SMITH, J. and Sons.. SMITH, G. and Sons	England : Saddleworth .. England : 10 Watling-st..	Flannels An assortment of furs, made from Russia sable, &c.	12 16	Fine and superfine and silk warp, and stout flannels. Fine and super- fine and silk warp shawls and scarfs for printing.
SMITH, KEMP and Co.	England : Birmingham ..	Buttons	22	Fur muffs, cardinals, flat boas, riding boas, cuffs.
SMITH, W. and A. ..	Scotland : Mauchline ..	Scotch snuff-boxes ..	29	Buttons of gold, silver, brass, gilt, papier-maché, mother-of-pearl, &c. shirt-studs of gold, silver, gilt, pearl chased, enamelled, and engraved.
SMITH, B. .. SMITH, Captain .. SMITH, Captain .. SMITH, F. P. ..	Canada : Stanstead .. India : Assam As above England : Greenwich ..	Hops Munjeet Coin weighing machine .. A series of screw models, showing the progress of screw propulsion Various power-looms ..	3 4 10	Articles of Scotch fancy wood-work, made chiefly of sycamore, orna- mented with Tartan checking, and in the Arabesque and Scoto- Russian styles. Bale of hops. Munjeet. Coin weighing machine.
SMITH, M. ..	England : Heywood, nr. Manchester		5	Several screw propellers.
SMITH, W. H. ..	England : 1 Royal Exchange Buildings.. ..	Model of light floating breakwater, for the idea of a spring machine for modelling ships of any dimensions, on an ingenious & ready means of setting up a design in model	6 7	Looms for weaving naval canvas, Dutch and Venetian carpets, strong fustians, plaids, and silk. { Recoil breakwater and lighthouse, said to combine economy, strength, and general applicability to all depths and situations. Tubular suspension girder bridge, to prevent vibratory action. Plan for a suspension tunnel.
SMITH, S. ..	Ireland : Waterford ..		8	Spring machine for modelling ships of any form or dimensions.
SMITH, A. .. SMITH, T. ..	England : Whitechapel .. England : Hurstmonceux, near Hailsham.. ..	Painting brushes Truck baskets Beauty of finish in woollen cloth	28 28	Painting brushes for heavy or fine work. A set of Sussex truck baskets, made of willow wood.
SNELL, John ..	England : Leeds ..	Office prepared by his process of separating the touch membrane from between the folds of the seed or berry ..	12	Superfine twilled summer cloth.
SNOWDEN, R. ..	England : City-road and East-road	Distilling apparatus ..	3	{ Coffee, raw and prepared by patent process. Samples of the processes of cleansing and purifying the coffee-berry previous to roasting and grinding.
SOCHER — ..	France		8	Distilling apparatus. { A railway locomotive and tender on Stephenson's plan. A ventilator for airing mines, but qualified also for airing theatres, prisons, &c. A pair of rough locomotive cylinders. Three rails. A locomotive wheel-tire. Thirty-three bars of wrought-iron. A piece of iron. From railway sleepers. Samples of iron for slotted cylin- ders. Samples of nails. Samples of coals.
SOCIÉTÉ ANONYME des HAUTES- FOURNEAUX, Usines et Char- bonnages de Marcinelle et Coullet	Belgium : Hainault ..	Mine ventilator	5	

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
SOCIÉTÉ DU PHOENIX SOCIÉTÉ DE LA NOUVELLE MONTAGNE ZINC .. SOENEN, F. .. SCHNEE, Brothers ..	Belgium : Ghent .. Belgium : Yveriers .. Belgium : Ypres .. France : 17 Rue des Vivalgriers Paris ..	Soft bobbing frame .. Zinc tiles .. Lace handkerchiefs and lappets .. Superior bookbinder's var- nish .. Veils embroidered in gold and pearls, with silver fringes .. Tin toys .. Merino yarns .. Adaptation in price to ex- port demand in certain qualities of hosiery .. Rich figured silks, armures and a royal ground for furniture, and some gauze diaphane for the same purpose .. Specimens of figured ribbons Iron safe ornamented (and special approbation) .. Floor brushes .. Illustrations of lead manu- facture, &c .. Edge tools ..	6 22 19 17 20 29 12 20 13 13 22 28 1 21	Spinning machine. Willow engine, invented by the Société du Phoenix Oxide of zinc. Zinc tiles. Roofs covered with zinc tiles. Sheet zinc. Assortment of Ypres lace, called Valenciennes. [Fig of soft lead. Various sorts of varnish for leathers, wood, and metals ; for oil and water-colour paintings. Natural flowers, preserved by a chemical process. Veils embroidered in gold and pearls, with silver fringes. Gloves in gold and pearls, used as an ornament for the hand. Toys : an English regiment on parade before the Queen and her suite formed of painted pewter figures. Woolen yarns of different numbers. Men's and women's, boys' and children's hose, half-hose, gloves, jackets, drawers, and caps.
SOFILOHOGLOUS' DAUGHTER ..	Turkey : Constantinople ..			Specimens of silk of different colours ; white and coloured taffetas.
SOBLAKE, G. ..	Prussia : Berlin ..			Specimens of ribbons.
SOLBERG, C. F. ..	Saxony : Chemnitz ..			Iron fire-proof safe, of a novel construction. Brushes for waxing and washing floors. Sweeping brushes and horse brushes. Samples of pig's bristles ; horsehair, tails, and manes. Specimens of lead ore and lead manufacture. Carpenters' and other tools. Every variety of axes, adzes, hedging bills, and garden tools. Circular saw, 5-ft. diameter. Hand, pit, frame, and cross-cut saws. Sheep shears, scythes, reaping-hooks, hay, and chaff-knives.
SOLBERG, Franz ..	Saxony : Chemnitz ..			Various qualities of oxide of zinc. Specimens of cocoons. Raw and thrown silk. Grand piano-forte. Samples of starch.
SOLEY, Bd. ..	Sardinia : Turin ..			Railway carriage-springs. Chemical preparations : naphthaline, caffeine, quinine. Woolen stuffs. Winter buckskin.
SOLLER and Co. ..	Switzerland : Bâle ..			
SOMMERMEYER and Co. ..	Prussia : Magedburg ..			
SOMZE-MAHY, H. ..	Belgium : Liège ..			
SOPWITH, T. ..	United Kingdom ..			
SORBY, R. and Sons ..	England : Sheffield ..			
SOREL — ..	France : Grenoble ..			
SOUHEYRA, Louis ..	France : St. Jean du Gard ..			
SOUTHWELL, W. ..	England : 16 Baker-st. ..			
SPEIDE — ..	India ..			
SPENCER, J. and Son ..	England : Newcastle-upon-Tyne ..			
SPENCER, J. A. ..	England : 9 Westbourne-place, Hyde Park ..			
SPENGLER, Charles ..	Saxony : Crimmnitzshau ..			

DESCRIPTION OF ARTICLES EXHIBITED.

ARTICLES REWARDED.

Class.

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LOCALITY.

NAME.

SPICER, Brothers	England : New Bridge-st.	A collection of papers, showing the present state of the paper manufacture in England	17	Writing-papers, Joyson's extra superfine quality. Large bank post, Imperial, royal, and demy. Foolscap, for account books. Superfine printing papers. Fine news. Fine long elephant, in a sheet of 750 yards in length. Fine double long elephant, in one sheet, 46 inches wide, and 2,500 yards in length, for paper staining, &c. Long elephant, for paper-hangings. Brown papers from pure rope, very tough for packing. A sheet of brown paper, 93 inches wide, 420 feet long. Millboards, for bookbinding.
SPIGLAZOFF, Alexis	Russia : St. Petersburg ..	Russian cigarettes, from Russian grown tobacco	8	Tobacco.
SPORLIN and ZIMMERMANN	Austria : Vienna	Application of block printing to illustrate works	26	Paper-hangings, ceilings, and borders. Illustrations of machinery and parts of machinery, for the use of schools. Paper-hangings, prints. Mechanical toy-model of an English farm, with figures, thrashing-machine, windmill, &c., in action. Gulliver in Lilliput.
SPURIN, E. C.	England : 37 New Bond-st.	Toys	29	Two barrels of oatmeal.
SQUIRE, R.	Canada : Bowmanville ..	Oatmeal	8	Pharmaceutical extracts.
SQUIRE, P.	England : 277 Oxford-st.	Chemical and pharmaceutical products	2	for preparing infusions.
STACHEL-WILD, C.	Switzerland : St. Gall ..	Embroidered table-covers &c	19	Embroidered table-cloths, curtains, and handkerchiefs. French cambrie.
STAFFEL, I. A.	Russia : Warsaw	Calculating machine, machine for weighing precious metals, &c.	10	Calculating machine. A machine for weighing of precious metals.
STAIGHT, D. and Sons	United Kingdom	Manufactures from Cheverton's artificial ivory	29	Manufactures from ivory.
STAIGHT, D. and Sons	As above	Ivory veneers	28	As above.
STAIGHT, T.	England : 12 Walbrook ..	Carved ivory and pearl	28	Turning and carving in ivory. Carved ivory chessmen, the Crusaders. Carvings in pearl.
STAMIN and Co.	France : Thann	Spinning frame	6	A spinning mule, with 120 spindles.
STANCOMB, W. and J., junrs.	England : Trowbridge ..	Trouser goods	12	Fancy single elastic, and fancy single moleskin, all wool.
STANFORTH, T.	England : Hackenthorp, Sheffield ..	Scythes and sickles	21	Sickles and hoes; scythes and hay-knives.
STANLEY, W. P.	England : Peterborough ..	Linseed and barley crusher	9	A two-horse portable steam-engine. The farmers' steam cooking apparatus. Cake-breaker, for sheep, cattle, and manure. Roller-mill. Chaff-engine. Turnip-cutter.
STAFFER, J.	Switzerland : Zurich ..	Plain, coloured, striped, and check gros-de-Naples	13	Silk stuffs. Velvet for waistcoats, aprons, handkerchiefs. Exhibited for cheapness and quality.
STARR, C.	America : New York ..	Bookbinding machine	6	Two machines to be used in bookbinding : one for backing, the other for finishing the books. Books for the blind : two Bibles, Quarto Bible, to show the style of work effected by the above machines.
STAUB, Brothers	Switzerland : Zurich ..	Figured silks	13	Silk stuffs. Velvet for waistcoats, aprons, handkerchiefs. Exhibited for cheapness and quality.
STEGMANN, H. and Co.	England : Nottingham ..	Lace curtain	19	Figured lace curtains, made entirely on the lace machine, by Jacquard application.
STEARNS, W. and P.	Scotland : Edinburgh ..	Cooking apparatus	22	Kitchen range, including apparatus for heating water for a bath.
STERN and W. B.	England : Birmingham ..	Silks	21	Silks. Garments of white printing steamer.

NAME.			LOCALITY.		ARTICLES REWARDED.		Class.	DESCRIPTION OF ARTICLES EXHIBITED.	
STEFAN, W. . . . .	..	..	Sardinia : Turin . . . . .	..	Silk embroidered tableaux	19	19	Two large silk embroidery tableaux.	
STEIN and STEINBACH	..	..	Duchy of Hesse-Montz . . . . .	..	Hops	13	13	Several specimens of hops.	
STEINBACH, J. J. . . . .	..	..	France : Petit Quevilly, nr. Rouen	..	Starches	4	4	Starch, fecula and gums, made use of in the manufactory of printed calicoes.	
STEINBOCH . . . . .	..	..	Austria . . . . .	..	Samples of oil	4	4	Samples of oil.	
STEINER, T. and Co. . . . .	..	..	England: Church, nr. Accrington, } Manchester . . . . .	..	Turkey red, plain dye and printed	18	18	Cotton fabrics, dyed Turkey red, and printed in various colours.	
STEINER, C. . . . .	..	..	France : Ribeaupville . . . . .	..	Turkey red, plain dye and printed	18	18	Plain red dye : printings on Andrianople red.	
STEPHENSON, BLAKE and Co. . . . .	..	..	United Kingdom . . . . .	..	Types	17	17	A varied assortment of printing type.	
STEVENSON, J. J. . . . .	..	..	England : Sheffield . . . . .	..	Combs	28	28	Ladies' ornamental dress and other combs, manufactured from ox and buffalo horns.	
STEVENS and Son . . . . .	..	..	England : 186 Drury-lane . . . . .	..	Martin's cement	27	27	Martin's cement, for internal walls, plain and coloured decorations.	
STEWART, D. Y. and Co. . . . .	..	..	Scotland : Glasgow . . . . .	..	Mould making machine for cast iron pipes	6	6	Model of mould-making machine for cast-iron pipes. Pipes 44 inches diameter, cast in moulds made by the machine. Machine for testing the strength of cast-iron.	
ST. HUBER, Ed. de . . . . .	..	..	Belgium : Bouvignes . . . . .	..	Millstones	1	1	A horizontal millstone. A perpendicular millstone. Fragments, samples of millstones.	
STIEFF and HARRASS . . . . .	..	..	Prussia : Potsdam . . . . .	..	Variety of vestings	15	15	Specimens of embossed silk, representing the Neptune grotto, built by Alexander the Great, at Sans Souci. Gentlemen's silk cravats.	
STIER, H. . . . .	..	..	Russia : Warsaw . . . . .	..	Soaps	29	29	Silk waistcoating. Embroidered waistcoats.	
STIBLING, Morties J. D. . . . .	..	..	Canada : Montreal . . . . .	..	Alloy bell, for cheapness, patent	22	22	Toilet soap.	
STRLING, T., jun. . . . .	..	..	England : Lambeth . . . . .	..	A collection of manufactures in slate	27	27	Alloy-bell. Slate cabinet, exhibiting the various applications of slate. Filters. Ornamental loo-table top. Sofa and side-table, ornamental tops. Chess or ladies' work-table tops. Specimens of roofs covered with slates from the Bangor quarries.	
St. John, John H. . . . .	..	..	America . . . . .	..	Detector compass	10	10	Detector compass.	
STOEWASSER, C. H. and Co. . . . .	..	..	Prussia : Berlin . . . . .	..	Japan articles, &c.	22	22	Japan articles, ornamented with paintings, &c. Lamps in German silver, bronze, brass, and composition, gilt.	
STOCKHILL, W. . . . .	..	..	England : Southwark . . . . .	..	Specimens of boot fronts	16	16	Wellington boot fronts and graft, waterproof.	
STOCKQUARD, Brothers . . . . .	..	..	Belgium : Grammont . . . . .	..	Black point lacesawl, &c.	19	19	Shawls, half-shawls and scarfs, of black silk lace. Mantilla veils.	
STODART, Wm. and Son . . . . .	..	..	England : 1 Golden-sq. . . . .	..	A square pianoforte	10a	10a	Berthe, Parasols, Head-dresses.	
STOEHRER, E. . . . .	..	..	Saxony . . . . .	..	Electric telegraph	10	10	Horizontal grand, and compact square pianoforte.	
STROHMANN and WUTENFELD . . . . .	..	..	Prussia : Neusalzwerk, nr. Minden	..	Chemical preparations	2	2	Chemical products from the mother ley of the salt works near Minden, chiefly combinations of bromine.	
STROHER, T. F. . . . .	..	..	Wurtemberg : Stuttgart . . . . .	..	Brass and steel wire, &c.	22	22	Brass and steel wire ; metal wire for the manufacture of paper ; metal wire gauze ; brass wire and horsehair sieves.	
STROBERG, Eschweiler Mining Company in . . . . .	..	..	Prussia : Stolberg . . . . .	..	Lead and zinc	1	1	Samples of lead and zinc ore. Piece of silver, weight about 11 lbs. Spelter, and refined lead.	

NAME.			LOCALITY.		ARTICLES REWARDED.		Class	DESCRIPTION OF ARTICLES EXHIBITED.	
STOLBERG, Wernigerode Count	..	..	Prussia : Ilsenburg	..	Cast iron Gothic vase &c.	22		A Gothic vase, intended for a fountain. A window-frame. A garden-table. A marble table; the marble from the mines in the neighbourhood. A Corinthian and a Gothic stove, &c., exhibited as specimens of casting in iron.	
STORKEE, Brothers ..	..	..	England : 4 Arthur-street, New Oxford-street	..	Beer machine	22		Beer machine, counters, spirit tap, lift pumps, &c. Air-tight bottles, indestructible pewter pots.	
STOTZER, Frederick..	..	..	Switzerland : Buren, Canton of Berne	..	Fine files	21		Files used for clockmaking, and polishing instruments.	
STOWELL and SCUDEN	..	..	England : Bradford	..	Mohair yarns	12		Crimson and white-fold mohair chair.	
STRAHL, Otto ..	..	..	Prussia : Frankfort-on-the-Oder	..	Earthenware	25		Gilt and decorated fruit-vases. Coffee and tea-service. Cake-dishes, cabarets, &c. Assortment of white crockery ware of the best description.	
STRAUSS, J. ..	..	..	Sardinia : Turin	..	Pipes..	29		A set of tobacco-pipes and porte-cigars, in white talc, carved and ornamented.	
STRAZZA, Giovanni ..	..	..	Austria : Milan	..	Marble statue of Ismael..	30		Statue in marble : Ishmael in the Desert.	
STRICKLAND, Maria ..	..	..	England : 8 New Bond-st.	..	Flowers in wax	29		The "Victoria Regia," in its various stages of development, with each side of leaf modelled to nature. Roses, night-blowing cereus and other cacti. Orchidaceous plants.	
STROBE, W. ..	..	..	England : 16 St. Martin's-Je-Grand	..	Gas stove	22		Gas cooking range, boiler, stoves, and signal lamps.	
STROBE and Son	..	..	Saxony : Leipzig	..	Vase ..	23		Silver works : a vase with fifteen silver flowers.	
STUART, W. ..	..	..	England : Plymouth	..	Model of Plymouth Break-water	7		Limestone model of the breakwater in Plymouth Sound, with silver light-house and beacon, made for the Exhibition under the direction of the Lords of the Admiralty; with sectional and other models.	
ST. UBERY —	..	..	France : Tarbes	..	Collection of woods	4		Specimens of indigenous woods, prepared for cabinet work.	
STUBS, Peter ..	..	..	England : Warrington and Rotherham	..	Small files	21		Blisters and shear steel. Cast steel. Coach-spring steel. Lancashire files and tools. Magnets made according to the system of the Rev. W. Scoresby.	
STURGE, J. E. ..	..	..	England : Birmingham	..	Red phosphorus	2		Crystals of chlorate of potass and amorphous phosphorus.	
STURCHBURY, J. S. ..	..	..	British Guiana	..	Woods and oil	4		Vertical section of greenheart tree from river Demerara. Transverse sections of letter-wood from river Corentyne. Laurel and crab oils.	
THE SCULPTURE, the	..	..	Turkey	..	Hard wheat, and a very fine collection of Turkish tobacco, also honey	3		Twenty-eight samples of wheats from Salonica, Damascus, Koniah, Adrianople, Tripoli, &c. Thirty-two specimens of tobacco from about twenty-five provinces. Common and wild honeys.	
SCUDEN, J. and Brothers ..	..	..	England : Keighley, Bradford ..	..	Genappe, mohair and poplin yarns, including also award for fabrics of English wool, combined with cotton	12		Plain and striped calimancoes, shalloons, merinos, cubicas, summer-cloths, union princettes, bombazets, &c. 800 specimens of yarns used in the manufacture of poplins.	
SCUDEN, BORRAS, and Co. ..	..	..	England : 22 Aldermanbury	..	Flowers in cambric	29		Artificial flowers. Feathers for ladies' bonnets and head-dresses, of British manufacture.	
SOLGER and STUCKELBERGER	..	..	Switzerland : Bale	..	Figured ribbons	13		Specimens of ribbons.	
SULZBERGER and AEREMANN	..	..	Switzerland : Meisterschwanden	..	Variety of Swiss straw plaits	20		Horse-hair and silk lace. Lace made of Ostindian hemp, horse-hair and silk. Specimen of cabas, cigar-cases, tassels, and straw mounts. Straw rope. Tresses of Indian hemp and silk. Bleached straw, bleached wood.	

NAME.		LOCALITY.		ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.	
SUBER, H.	.. ..	France : Nantes and La Morinière	..	A good assortment of curried calf leather and boot fronts, and boots and shoes for exportation ..	16	Tanned leather. Curried leather. Boots and shoes for exportation.	
SUSSER, Brothers	.. ..	France : 31 Place de la Bourée, Paris	..	Bronze candelabra, fountains, &c.	22	Candelabras, statues in bronze and marble, clocks, statuettes.	
SUTTER, J. J.	.. ..	Switzerland : Bühl, Canton of Appenzel	..	Chintz, book robe, &c. . .	19	Curtains. Ladies dresses and handkerchiefs, embroidered. Pele-rine mantelets.	
SWAINE and ADENEY	.. ..	England : 185 Piccadilly	..	A large assortment of whips and canes ..	16	Riding whip, mounted with gold, set with brilliants and rubies. Whips. Canes. Improved whip-socket. Horse and other brushes, with flexible backs.	
SWAISLAND, C.	.. ..	England : Crayford	..	Printed shawls of great excellence ..	15	Printed barge shawls. Printed Chinese velvet for furnitures, or Ap-plicated plush. Printed flannel for dresses.	
SWINBURNE, R. W.	.. ..	England : South Shields, and Newcastle-upon-Tyne ..	..	Glass dome, white flint glass	24	Silvered, naked, rough, and Venetian plates of glass. Pressed and coloured and opaque glass. Perforated glass. Glass domes. Glass pipes. Chemical apparatus. Glass trays, &c. Plate glass.	
SYMINGTON, H. H. and Co.	.. ..	Scotland : Glasgow	..	Harness window-curtains ..	11	Harness book-muslin and harness leno-muslin window-curtains, all woven in the Jacquard loom.	
SYKES, D. and Co.	.. ..	England : Leeds	..	Woollen cloths	12	Black milled cloth.	
SYKES, J. and Son	.. ..	England : Leeds	..	Woollen cloths	12	Woolens, fast, common, and woaded colours, wool-dyed & piece dyed.	
TAHAN, A.	.. ..	France : 30 Rue de la Paix, Paris	..	Ornamental cabinet work ..	26	Furniture, bookcases, flower-stands, coffers, tea-caddies, cigar and whisk-cases, &c. ; canes, watch-stands, clocks, writing-desks, folding stools.	
TAHIR —	.. ..	Turkey	..	Scissors	21	Scissors.	
TALBOT and Co.	.. ..	France : Toulouse	..	Scythes	21	Various kinds of scythes, cleavers, and files.	
TALBOT, Brothers	.. ..	France : Mannedon Saloon	..	Plough	9	A plough.	
TANDLER, Stefan	.. ..	Austria : Zinnevald, Toplitz	..	Wood fibre	4	Specimen of straw plaiting and straw flowers.	
TANDLER, Stefan	.. ..	As above	..	Straw flowers	28	As above.	
TANN and Sons	.. ..	United Kingdom ..	..	Safes	22	Fireproof iron safes, with hollow chambers filled with chemical salts.	
TANNER and KOLLER	.. ..	Switzerland : Herizau, Canton of Appenzel	..	Embroidered muslin dresses, &c. . . .	19	Muslin scarfs, dresses, and shawls. Embroidered muslin curtains and robes.	
TANNER, J. U.	.. ..	Switzerland : Bühl, Canton of Appenzel	..	Embroidered work ..	19	Silk pocket-handkerchiefs. Curtain and bed-cover, muslin and silk embroidered. Pictures of silk.	
TAO NUI	.. ..	New Zealand	..	Collection of woods, &c. .	4	Specimens of Tarascki and other native woods.	
TAYLOR, J. and Son	.. ..	England : Newsmo, Huddersfield	..	Vestings	15	Fancy waistcoatings ; woolen trousers' goods ; shawls and scarfs ; ladies and children's dresses.	
TAYLOR and Co.	.. ..	England : Rochdale	..	Pushes made from waste silk	20	Specimens of hat silk plush.	
TAYLOR and Son	.. ..	England : Loughborough	..	Balls (and special appro-bation)	22	Improved bells and bell framing.	
TAYLOR, Humphery and Co.	.. ..	England : Chelsea	..	Soaps and perfumery ..	29	British liquours distilled from foreign and English fruits, &c. Distilled water extracted from flowers, herbs, &c. Fancy scented soaps.	

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
TAYLOR, H. P. and W. C.	America : Philadelphia ..	Toilet soap	29	Transparent soaps intended to represent stained glass. Heckles.
TAYLOR, J.	England : Leeds	Heckles	6	
TAYLOR, W.	England : Nottingham ..	Machine for forming hemispherical paper shades from flat discs of spherical paper shades ..	6	
TAYLOR, Henry	England : Sheffield	Engravers' tools	21	Machine for forming hemispherical paper shades from flat discs of paper. Ornamental paper work. Tools for engravers, carvers, and print-cutters. Hand-drawn steel. Sculptors' chisels. Screw tools.
TAYLOR, J.	England : Wolverhampton ..	Locks	22	Bramah's locks. Improved balance detector lever locks. Barron's chest and latch till-lock.
TAYLOR, B.	England : Clerkenwell	Tower of vegetable ivory ..	28	A tower with minarets, composed of upwards of 1,000 pieces, manufactured entirely of vegetable ivory.
TOCHTERIKOFF —	Russia : Moscow	Woollen cloths.	12	Amazona made of wool from the flocks of Count Nesselrode.
TRASDALE, William ..	United Kingdom	A good specimen of a life-boat	8	Model of a life-boat.
TEE and Son ..	England : Barnsley	Variety of fabrics	15	Linen drills. Linen and silk and linen vestings. Fancy vestings, mixed. Plain and fancy fabrics for dresses. Toilet cover. Linen saddle rug. Printed linen and cotton yarns.
TEILLARD, C. M.	France : Lyons	Plain glacé silks, armures, moiré, antiques, and rep silks	13	Silk, mohair, velvet, taffeta, and other stuffs.
TESSIER DU CROS, L. and E.	France : Vallerangue	Silk	4	Various samples of raw and thrown silk.
TEMPLETON, J. and Co. ..	Scotland : Glasgow	Axminster carpets, &c. ..	19	Axminster carpets ; hearth-rugs ; stair-carpeting ; Tournay table-covers ; and door or window-curtains.
TESTA, F.	Malta : Valletta	Carved stone	27	Vase of antique form, with satyrs, wreaths of flowers and vine-leaves, 5 feet 4 inches in height, and 2 feet 4 inches in breadth. Vase of antique form, with vine-leaves, 4 feet in height, and 1 foot 9 inches in breadth. Common vase, 1 foot 6 inches high, and 1 foot 4 inches broad.
TEXTIER, T., jun.	France : Niort	Specimens of buck, doe, and fawn leather ..	16	Gloves of deer, chamois, castor, and sheep-skins.
THAMES PLATE GLASS COMPANY	England : London	Plate glass	24	Large specimens of plate glass.
THERET, J.	France : 38 Rue des Saints Pères, Paris	Inlaid cabinet	26	Articles of furniture, mantel-pieces, clocks, pictures.
THERET, J.	As above	Inlaid and other works in marble, and pietra-dura ..	27	As above.
TRESEN, N. P.	Norway : Christiania	Carving in wood	28	Various objects, carved by Norwegian peasantry, in wood, as bucket, coal-tub and cover, tobacco and other boxes, jugs, spears, surgical instruments.
THIER —	France, 39 Passage Choiseul, Paris	Téterelle	10c	Various kinds of printed cashmeres.
THURRAY-MISG	France : Mulhouse	Collection of shawls ..	15	Revolving healed boots.
THURRAY, C. A.	France : 301 Rue St. Honoré, Paris ..	Gentlemen's boots	20	Ledgers in various sizes and bindings.
THOMAS and Sons	England : 20 Cornhill	Account books, for-excellence of paper, ruling and binding	17	Household cavalry jack-boots ; other boots. Highland brogues. Re-
THOMAS and Son	England : 26 St. James's-st. ..	High class workmanship ..	20	Household cavalry jack-boots ; other boots. Highland brogues. Re-
THOMAS, H.	Prussia : Berlin	Showering machine for wood-lean goods ..	20	Household cavalry jack-boots ; other boots. Highland brogues. Re-

DESCRIPTION OF ARTICLES EXHIBED.

Class.

ARTICLES REWARDED.

LOCALITY.

NAME.

THOMAS, C. X.	France : 13 Rue du Helder, Paris	Calculating machine	10	A calculating machine, invented by the exhibitor.
THOMPSON, Rev. Z.	America : Burlington, Vermont	Woods	4	Specimens of Vermont woods.
THOMPSON, J. II.	United Kingdom	Sanitary trap, &c.	22	A sewer trap.
THOMPSON, Brothers, and Son	England : Manchester	Printed mouseline-de-laines (cotton warps)	18	{ Printed cambrics and de-laines, cotton warps, shot silk, and worsted ; printed cambrics, &c., silk warps, shot silk.
THORNT, M.	Austria : Vienna	Chairs (bent wood)	26	Furniture : sofas, easy-chairs, arm-chairs. Stand of rosewood and walnut wood. A small round inlaid table of rosewood. Specimens of inlaid floorings.
THORNEycroft, G. B. and Co.	England : Wolverhampton	Railway-wheels and axles	5	Specimens of Briggs' compound railway axle. Patent axle. Charcoal tire for railway wheels, and charcoal rails.
THORSHILL, Walter	England : 144 New Bond-st.	Garden tools	21	Steel chataelaine, style of the old pierced steel-work. Instrument for pruning trees at any height. Flower gatherer. Cutlery.
THORNTON and Sons.	England : Birmingham	Hydraulic lifting-jack	5	Couplings for railway waggon shaft carriage axles. Hydraulic lifting jack. Steam-engine piston. Improved crown-head lifting screw jack. Improved do-able bar wrench for locomotive purposes.
THORNTON, Firth, RAMSDEN, and Co.	England : Leeds	Woollen cloths	12	Railway shovels, improved shapes.
THOMAS, A.	France : 44 Boulevard Beaumarchais, Paris	Stamped brass	23	Superline cloths, silk and cotton warp, cashmerettes, and blankets.
THOURET, F. A.	France : 31 Place de la Bourse, Paris	Electrotypes	23	Stamped, and cast-brass furniture ornaments.
THURUP, F.	United Kingdom	Boy and butterfly, and Arethusa, both in marble	30	Plated and electro-plated silver-work.
THURMAN, Prescott, and Co.	England : Nottingham	Floss velvet gloves	20	Boy catching a butterfly. Arethusa.
THURSTON and Co.	England : Catherine-st., Strand	Billard table	26	Thurman's silk hosiery.
THURMER and TOPFER	Saxony : Chemnitz	Cotton table cloths	11	Slate-top bi liard-table, made of Spanish mahogany with patent cushions, the legs and frame carved in the respective styles of Elizabeth and Francis I.
TILMAN —	France : 2 Rue Ménar, Paris	Flowers in cambrie	29	Damasks : silk, cotton, and wool imperial ; cotton imperial ; furniture in cotton and wool. Table-covers ; cotton and cotton and wool.
TILMINS and SONS	England : Birmingham	Vices, hammers, &c.	22	Fancy stuffs : robes, satin, lame façonné.
TIZARD, W. L.	England : High-street, Aldgate	Model of a brewery	6	Artificial flowers, ball dresses, wedding head-dresses.
TOLSON and SONS	England : Huddersfield	Trouser goods, and vestings	12	Carpenters' and farriers' tools. Shoemakers' tools. Vices, coach wrenches, saddlers' and upholsters' tools.
TOMASSIA, L.	Austria : Poggio	Willow plait	23	Model brewery.
TOLMIN and Co.	England : Kettering	Sickles and shears	21	Waistcoatings ; trouserings ; challi wool plaid for children's dresses.
TOPPER, ANDREAS	Austria : Scheibbs	Sheet and bar iron	1	Willow-straw for hats.
TOPPING, C. M.	England : Pentonville	Microscopic preparations	10	Sickles for reaping corn. Shears for sheep-shearing, wool-sorters, thatching and carpets.

Microscopic objects. Test objects and fossil earths. Fossil and recent vegetable structures. Dissections of insects. Bone, teeth, shell, &c. Injected preparations.

ARTICLES REWARDED.			DESCRIPTION OF ARTICLES EXHIBITED.	
NAME.	LOCALITY.	Class.		
TORSIONWORK, Government of Trvel	Russia : Trvel	20	{ Shoes, slippers, and other articles.	
TOUAILLON, C.	France : 12 Rue Coquillière, Paris	6	{ Dressing machine for mill- stones	
TOUCHE-GILLES, E.	Belgium : St. Laurent	29	{ Toilet and olive oil soaps	
TOUREY, H.	Belgium : Liege	8	{ An ornamental double gun, guns and arms	
TOWLER, CAMPIN and Co.	United Kingdom	15	{ Collection of shawls and first-class printed goods	
TOWNE, J.	England : Guy's Hospital	10c	{ Anatomical models in wax	
TOWNEND,	England : Cullingworth	12	{ Genappe, mohair, and pop- lin yarns	
TOWNSEND, PARKER, and TOWNSEND	England : 182, Goswell-street ..	26	{ Paper hangings	
TRANCANT, A. A.	France : 12 Rue Neuve St. Denis, Paris	28	{ Tortoise-shell combs	
TRAVERS and Co.	United Kingdom	3	{ A collection of spices	
TRAYERS, L., jun.	France : 146 Faubourg Poisson- nière, Paris	7	{ Model of observatory, dome, and roof at Paris	
TREADWIN, C. E.	England : Exeter	19	{ Honiton lace	
TREGGON, H. and W. ..	England : 22 Jewin-street, and 57 Gracechurch-street	22	{ Zinc window blinds	
TRELOAR, T.	England : 42 Ludgate-hill	28	{ Mats, &c., of coco-nut fibre	
TRELON, WEIDON, and WEIL	France : Rue de Bercy, St. An- toine, Paris	22	{ Buttons, and china knobs	
TREMLAT, A., Baron du ..	France : 3 Rue de Milan, Paris	25	{ Drawings by lithography on porcelain or crystal	
TREMEL, A. and Co.	England : Bradford	12	{ Fabrics of worsted, alpaca, and mohair, shot with cotton, silk, and linen	
TRENTON IRON COMPANY ..	America : New Jersey	1	{ Iron of fine quality, ores, &c.	
TREIBERT, F.	France : 132 Rue Montmartre, Paris	10h	{ Oboes, and a Cornet-Ing- lese	
TROLOPE and Sons	England : 15 Parliament-street	25	{ Ornamental furniture	
TROSTON, N. TROUT, Brothers	France : Passy Boisgarny ; Versailles	23	{ Iron articles of furniture showing finishing-machine	

NAME.	LOCALITY.	ARTICLES REWARDED.	ART.	DESCRIPTION OF ARTICLES EXHIBITED.
TACHT, E. ..	France : 18 Rue du Petit Lion, St. Sauveur, Paris ..	Black pearls ..	23	Imitation pearls. Imitation pieces, for jewellers.
TALLOTT, E. and Son ..	Ireland : Dublin ..	Guns, pistols, and rifles, and barrels of good Damascus ..	8	Double-barrelled guns. Centripetal double gun. Pistols, barrels, and lock manufactures.
TUERLINCX, Joseph ..	Belgium : Mechlin ..	Marble statue of Giotto ..	30	Marble statue : The Young Shepherd, Giotto.
TULLOCH, Lieut.-Col. ..	India : Madras ..	Fixed oils and collection of woods ..	4	Specimens of fixed oils : otto of Tunisian otto of roses. Otto of jasmine. Mixed essences. Essence of quince, of Benjamin, of oranges, of aloes, of apples, and of musk. Amber lozenges and necklaces. Pomatum made with musk, aloes, and jasmine. Saffron.
TUNIS, the Bey of ..	Tunis ..	Distilled perfumed waters (various) ..	29	Galvanized iron. Specimens of corrugated sheets for roofing purposes Electric telegraph, and fencing wire. Cast iron seat stands.
TUPPER and CARB ..	England : 3 Mansion House-place ..	Wire fencing (galvanized iron) ..	22	Amxminster carpet. Velvet pile tapestry carpet. Brussels carpet. Collection of skins.
TURBEVILLE, SMITH, BOYLE, and Co. ..	England : 9 Gt. Marlborough-st. ..	Carpets, &c. ..	19	Collection of costumes.
TURKEY, the Sultan of ..	Turkey ..	Collection of skins ..	10	Collection of pipes, soap, candles, and confectionary.
TURKEY, the Sultan of ..	As above ..	Admirable collection of costumes ..	20	Pair of Albert venison-carvers, with stag antlers. Carved table cutlery. The Prince of Wales's sailor's knife. Gardeners' cutlery : sports-men's knives : razors, pocket and penknives. Stone, circular, hand, and back saws. Files.
TURKEY, the Sultan of ..	As above ..	Collection of horn and ivory ..	23	Fire-irons of various descriptions, elaborately cut and ornamented, including the Cyma Recta. Chocolate in lozenges and various forms. [cluding the Cyma Recta. Chocolate in lozenges and various forms. A large assortment of files, edge-tools, and cutlery. Springs for locomotive engines, railway carriages. As above.
TURKEY, the Sultan of ..	As above ..	Collection of pipes, soap, candles, & confectionary ..	29	Rock-salt from the salt-works of St. Leopold. Salt obtained from the evaporation of saliferous waters. Specimens of alum dug in Tuscany, and purified alum. Specimens of sulphur dug in Tuscany, and purified sulphur. Specimens of iron ore from the royal mines of the Elba Island. Specimens of copper ore, dug in Tuscany, and from unwrought mines of a well-known produce. Specimens of lead ore, dug in Tuscany. Specimens of quicksilver, dug in Tuscany, and from unwrought but of a well-known produce. Specimens of colouring and Tripoli earth from Elba Island and other parts of Tuscany. Specimen of sulphur, from the sulphur mines of Fereta, native & wrought sulphur. Specimens of alum, from the royal alum pit of Monioni. Crystallized alum, from the same alum pits. Specimens of the ore, cinabar, and metallic quicksilver, from the mines of Levigliane, Ripa, Yane, Castellazzara, Pian Castagnolo and Capita
TURNER, Thos. and Co. ..	England : Sheffield ..	Files, saws, and cutlery ..	21	
TURNER, H. and Co. ..	England : Sheffield ..	Fire-irons ..	22	
TURNIS, F. A. ..	France : 28 Rue Richelieu, Paris ..	Chocolate ..	3	
TURTON and Sons ..	England : Sheffield ..	Quality of steel ..	1	
TURTON and Sons ..	As above ..	Files ..	21	
TUSCANY, ROYAL MINES of ..	Tuscany : Volterra ..	Illustrative mineral and metallurgic series ..	1	

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	
VENTUROL and CHASSANG ..	France : 21 Rue des Gobelins, Paris	Boot fronts manufactured from Bordeaux calf-skins	16	{ Leather. Legs of boots ; upper leather for shoes ; black and japan- ned calf-leather.
VERBECKE, J. P. ..	Belgium : Grimbergen ..	Flax ..	4	{ Samples of dried and peeled flax, with its seed ; grown in 1850.
VERHEEST, F. N. ..	Belgium : Grimbergen ..	Hemp ..	4	Raw hemp. Peeled hemp, grown in 1850.
VERSTRAE, L. N. ..	France : 6 Rue Beujoylais, Paris	Strong boxes, and safes ..	22	Strong boxes, or safes.
VERZA, Brothers ..	Austria : Milan ..	Silks ..	4	Cocoons. Raw, and spun silk. Silk fabrics.
VERZA, Brothers ..	As above ..	Trams ..	13	Trams.
VERZIERE, A. ..	France : Puteaux ..	Merinos ..	18	Dyed stuffs of merino wool.
VERZON, Brothers ..	France : Ligugé ..	Gluten (granulated) ..	3	Specimens of gluten.
VICARS R. ..	England : Ladbury ..	Lace ..	19	Lace. Crowns for infants' caps. Insertion. Laces for bordering caps.
VICKERS, James ..	England : 23 Little Britain ..	Russian teinglass ..	19	Isinglass, cut and uncut.
VICKERS, William ..	England : Nottingham ..	Lace shawls, &c. ..	13	Black silk lace shawls, scarfs, mantles, falls, &c., from the pusher bobbinet machine, and embroidered.
VICTORIA FELT CARPET COME.	England : Leeds ..	A carpet, and felt cloth ..	19	Felt carpeting. Printed and embossed table-cloths ; window curtains.
VIETLE MONTAGNE ZINC	Belgium : Liege ..	Oxide of zinc ..	2	Specimens of zinc and other ores, and metals, and chemicals.
VIENNA, Depot of the Im-	Austria : Vienna ..	Iron and steel (cast), and cinnabar ..	1	{ Cast steel from iron-ore. Styrian scorize, and slags from iron-ore. Raw steel, wheel-tires, rails, angle-irons, and tools from Neuberg, in Styria. Sparry iron ore, and cast-iron, from Mariazell.
VIENNA IMPERIAL PRINTING	Austria : Vienna ..	"Paradisus Vindobonen- sis," in chromo-litho- graphy ..	80	Specimens of typography, and printing of all descriptions.
VIEWEG and Son ..	Prussia : Brunswick ..	Variety of publications ..	17	Sundry books.
VIGNAT, Brothers ..	France : St. Etienne ..	Chine ribbons, and some figured ribbons ..	13	Silk ribbons.
VIGNOLES, C. ..	England : 4 Trafalgar-square ..	Suspension bridge, for model	7	{ Model of the wrought iron bar, chain suspension bridge, at Kieff (Russia), now erecting across the Dnieper ; the largest work of the kind hitherto executed.
VILLEMSEN, F. ..	France : 71 Rue du Temple, Paris	Candelabra, &c. ..	23	Bronze tabernacle candelabras, groups, lamps, &c.
VILLEROY and BOCH. ..	Prussia : Wallerfangen Mettlach	Stoneware ..	25	Fine stone-ware, decorated with ornaments of the same material, but differently coloured with platinum, gold, and paintings. Common and fine pottery-ware. Kitchen pottery of black material, with white enamel, called iron-ware.
VIOLETTE, J. H. M. ..	France : St. Omer ..	Charcoal ..	4	Ship-biscuits baked by immersing the stone, or the dough, in high pressure steam. Charcoal obtained by immersing wood in the same. Mercury distilled by the same process, for amalgamating it with gold or silver.
VIRENT, Brothers ..	France : Toulouse ..	Manufactures in artificial stone ..	27	Artificial stone ; capitals ; monuments ; ornamental chimneys in the renaissance style.
VISMERE, — ..	France : Argentcuil	Chronometers ..	10b	Large and pocket chronometers, indicating minutes and seconds.
VIZIANAGRAM, Rajah of	India : Vizianagaram ..	Laurelles ..	4	Specimens of fixed oils, coloured, and woven in the Jacquard loom.
VOGEL and CARBER	Prussia : Elberfeld ..	Laurelles ..	11	Specimens of fixed oils, coloured, and woven in the Jacquard loom. Cotton goods, figured. English cotton yarn ; chiefly in demand in England, France, and Prussia.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBED.
Vogel W.	Saxony : Chemnitz	Danasks	12	Stuffs ; woollen, cotton, and silk mixed. Fancy articles, named satin laines, satin laine raje sole, satin cotton, &c. : damask mit-sole velours, royal mit-sole, royal coloured, woollen and silk mixed. Wool-len, silk, and cotton. Woollen and cotton.
Volkhoney, Prince	Russia : Orel	Hemp and starch	4	Hemp.
Volsou, —	Russia : Moscow	Woollen fabrics	12	French merinos, cashmeres, mouseline-de-laines, and satin-de-laines.
Von Back and Sons	Russia : Orel	An assortment of plain velvet, and velvet ribbons	13	{ Fine black and coloured ribbon velvets, all silk. A variety of fancy and figured silk ribbon velvets. Plain silk broad velvets. Plain silk velvet vestings.
Vyse and Sons	England : 76 Wood-street	Case of bonnets	20	Ladies' bonnets, of finest quality, produced from wheat-straw, plaited and made up by the hand. Fancy horse-hair and straw ; the materials made by the loom, and then sewn into bonnets by the hand. Leghorn : the material produced in Italy, the bonnet formed in London.
Vyse and Sons	Tuscany : Prato	Leghorn hats and capotes	20	Straw bonnets.
Weyenmann, Seybels, & Co.	Austria : Vienna	Chloride of potassium	2	Chemical productions, including tartaric acid, vinegar, acetic acid, acetate of sodium, arsenic acid, chloride of lime, arseniate, sulphate, and muriate of potass.
Wakefield, E.	England : Mansfield	Cooking apparatus	22	Great Western cooking apparatus. Sherwood range. Artizan's cooking stove, &c. Wrought-iron pallsading. Iron casting of antique bronze statuette of Bacchus.
Waldrox, W., and Sons	England : Stourbridge	Scythes	21	Scythes, crown chaff knives, hay-knives, American grass-hooks, hedge brushing hook, and pea-bill hook.
Walker, J., and Co.	England : Lindley, Huddersfield	Mohair cloths	12	Mohair cloths, various colours, for making and trimming ladies' pa-letots.
Walker, J., and Sons	England : Millshaw, Leeds	Woollen cloths	12	Buffalo, alpaca, mohair, and dog hair-cloth for ladies' cloaks and men's overcoats ; a new material.
Walker, C. V.	England : Tonbridge	Graphic batteries, &c	10	Modes of insulation of telegraph wires, compound needle, bell trans-ferer, branch double turn-plate, lightning conductors, graphite bat-tery, and other electric telegraph apparatus.
Walker, E.	England : 6 Cardington-street	Perforated brass	22	Perforated brass, containing from eight thousand one hundred to fourteen thousand four hundred square holes to the square inch.
Walker, R.	England : Birmingham	Metallic pens	22	Specimen of percussion caps ; metallic gun-wadding ; gold, silver, and steel-pens ; and ladies' dress fasteners.
Walker and Co.	United Kingdom	Monumental brass	22	Monumental brass for an altar tomb ; the story of the good Samaritan.
Wallich, Dr. N.	United Kingdom	Collection of chemical and pharmaceutical preparations	2	Collection of chemical and pharmaceutical preparations.
Wallis, T. W.	England : Louth	Carvings in wood	30	Spring, represented by grape-buds, apple-blossoms, &c. Group of dead game. The golden plover. Group of fruit, flowers and corn, &c., all carved in lime-tree wood.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.
WALMESLEY, H.	England : Pateborough, near Manchester	Poplins	15
WALSH, William	England : 7 Buckingham-place, Fitzroy-square	Wetted cork soles ..	20
WALTERS and Sons	England : Wilson-street, Finsbury	Black plush, for hats ..	13
WALTERS, J., and Co.	England : Sheffield	Cutlery	21
WALTERS, B. and P.	England : Wolverhampton	Locks	22
WALTON and Co.	England : Wolverhampton	Japanned ware	22
WANSBOROUGH, J.	England : 52 Little Britain	Waterproof cloth in imitation of velvet	28
WANTIE, C. D. and Sons	Saxony : Gros Schöna, near Zittau	Damask table-cloths, and napkins	14
WARD, STURT, SHARP, and WARD	England : Belper	Hosiery, &c.	20
WARD and PAYNE	England : Sheffield	Edge tools	21
WARD, J.	Ireland : Ramelton, Donegal	Iodine, &c.	2
WARD, J.	England : 5 & 6 Leicester-square	A bath chair, with patent noiseless wheels; the whole well shaped, well arranged, of excellent form, and well finished	5a
WARD, W. B.	England : Clapham Rise	Botanical cases	10
WARD, C.	England : 36 Gt. Titchfield-street	A newly constructed bassoon and a pair of kettle drums	10a
WADDIE, H. and S., and Co.	England : Macolesfield	Black plush for hats ..	13
WARNER and Sons	England : 8 Crescent, Jewin-street	Japanned ware and bells	22
WARNER, —	United Kingdom	Growth and preparations of flax (exhibited by Messrs. Hives and Atkinson)	14

{ Goose's patent Jacquard machine. Table-cloths manufactured by power materials, with view of the "Exhibition Building," 80 inches wide, 110 long, &c. Specimens of figured weaving, &c. by power. Pair of shoes. Silk plush for hats. Specimens of cutlery. Locks, for furniture doors. Coal vase and scoop; enamelled foot bath, pail, and sponging and milk cans; black tin dish covers; bronzed kettles and stands. Papier-maché, tin, Japan, and enamelled goods, in wrought iron. A waterproof cloth in imitation of velvet; each side can be made of a different colour, suited for upholsterers, binding of books, caps. Manufactures in linen damask, viz: a large table-cloth, unbleached; napkins, all linen, unbleached and white; half-silk, crimson and chamois; half-linen, red and white. Series of table-cloths, with napkins, of linen-bleached damask, including pieces executed in various years from 1770 to 1850, to show the historical progress of the art. Half-silk and silk damask napkins, partly with fringes. Specimens of hosiery and glove manufactures. Lisle thread, merino, cashmere, silk, and spun silk. Edge tools in every variety, for various trades. Burnishers, braces, bits, turnscrows, spokeshaves. Kelp manufactured from sea-weed, and specimens of iodine, muriate of potash, sulphate of potash, &c., made from kelp. Four-wheeled pleasure-ground Victoria chair, lined with blue-figured satin. Improved recumbent chair for invalids. Spanish mahogany portable folding chair, for invalids. Closed cases, by which plants may be grown in any locality, even in the centre of the most crowded cities, or conveyed from one country to another with complete success. Also improved closed cases for ferns, exotic and British. { Kettle, bass, and side or signal drums. Flute. Newly constructed bassoon. Ladies' silk handkerchiefs, plain and checked, figured and chiné. Handkerchiefs and cravats. Small silk shawls. Water, steam, and gas cocks, valves, sluice cocks, &c. Various lamps. Standard weights and measures. A set on the decimal system. Check indicators. Musical hand-bells. Steam and cider engines. Tea urns and coffee pots of novel pattern. Improved water-closets, self-supplying pumps, &c. The covered and lockers disarranged. Belgium. See also the 8th and 9th Exhibitions. See also the 8th and 9th Exhibitions.

WARING, E.	Denmark : Copenhagen	A fur carpet	16	A carpet and footstool.
WATERSTON, George	Scotland : Edinburgh	Sealing wax	17	Specimens of sealing wax and wafers.
WATHERSTON and FROODEN	England : 16 Henrietta-street, Covent-garden	Vase	23	{ A standard gold enamelled and jewelled vase, surmounted by group emblematical of Great Britain, with reliefs and busts of celebrated men, &c. Gold brooches, bracelets, necklaces, chains, seals, and rings.
WATKINS and HILL.	England : 5 Charing Cross	Dry pile apparatus, galvanometer, &c.	10	Improved barometric vacuum gauge. Sectional models of steam engines.
WATFLOU-DELESPAUL	France : Lille	Chocolate	3	Chocolate of various descriptions.
WATSON, BILL, and Co.	England : 35 & 36 Old Bond-street	Carpets	19	Anninister, and velvet-bordered Brussels carpets. Carpets manufactured in Masulipatam. Real Turkey carpets.
WATSON, —	Ceylon : Surdah	Silks	4	Specimens of silk.
WATSON, G. W.	America : Philadelphia	A sporting wagon, very neatly finished in all respects	5a	Trotting sulky.
WATSON, the late M. L.	United Kingdom	Statue of J. Flaxman, in marble; and Eldon and Stowell group, also in marble	30	{ Portrait statue of John Flaxman. Eldon and Stowell group, representing John, first Earl of Eldon, and William, Baron Stowell, 29 years judge of the high court of Admiralty.
WATT, James and Co.	England : London & Birmingham	Pair of horizontal cylinder steam engines, for screw propellers	5	{ Marine-engines, of the collective power of 700 horses, designed for driving the screw propeller by direct action. Models made in 1785, showing the early application of steam power to locomotion.
WATT, W.	Scotland : Glasgow	Iodine, &c.	2	Seaveed, with its chemical products : kelp, sulphate, of potash, chloride of potassium, carbonate of soda, and iodine.
WATTS, J.	England : 107 Edgware-road	Chemical and pharmaceutical products	2	Pharmaceutical extracts.
WATTS, R. M.	Canada : Grantham	Polish oats	3	Barrel of oats.
WEBB, Brothers and Co.	Mauritius	Sugar	3	A bag of Mauritius sugar, product of manufacture of the Phoenix estate, obtained direct from the cane, expressed by a horizontal mill, and clarified by steam.
WEBB, Richard	England : Reading	Talavera wheat	3	Mummy Talavera wheat. Free-trade wheat. Wellington apple, famous for keeping.
WEBB, E.	England : Worcester	Coloured hair cloth, and cloth composed of silk and hair, and for horse-hair carpets	16	Coloured hair-cloth, and cloth composed of hair and silk. Horsehair carpet, woven like Brussels carpet.
WEBB, T.	England : Stourbridge	Cut glass	24	Various patterns of glass, consisting of bowls and pedestals, dishes, ice-pails, pine-stands, decanters, flower-vases, pedestal lamps, lustres, Vegetable fibres.
WEBB, L.	India : Java	Vegetable fibre	4	Carrara porcelain statuary. Copy of Portland, or Barberini vase, &c. blue jasper vase, with white bas reliefs from the antique. Set of chessmen; thirty-four pieces, by Flaxman. Jasper : Cameos of various colours, with white bas-reliefs from the antique. Red terracotta vases, with black bas reliefs from the antique. Volatic stone-ware trough. Cream-coloured, or Queen's ware. Coloured earthenware. Garden pots and stands.
WEDGEWOOD, T. and Sons	England : Etruria, near New-castle-under-Lyne	Earthenware	25	
WEDON, Francis	England : Goldsmith-street, City	Lace	19	A rich British point-lace square, and specimen of flouncing.

DESCRIPTION OF ARTICLES EXHIBITED.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	Specimens of silk.
WEGNER, J. R.	Switzerland : Bâle	Skein dyed silk	18	Quiltings and toillnets of various patterns.
WEIGER, J. J.	Wurtemberg : Ludwigsburg	Waistcoatings (with relation to cost)	11	{ Drawing-room fur carpets. Foxes stuffed so as to serve for stools.
WEINNECHT, T.	Belgium : Brussels	Two carpets made of fox-skins and other furs	16	
WEINMEIER, G.	Austria : Spital-on-the-Pyhrn	Seythes	21	An assortment of seythes.
WEISS and Son	England : 62 Strand	For collection	10c	Cabinet of surgical instruments for every operation in surgery. Avery's apparatus for examining the ear, throat, and different canals of the body. Weiss's invalid bed chair, or couch.
WEISS, J. H.	Prussia : Mülhausen	Red Lakes	2	Produce of plants : madder lac-colours, for artistic painting. Madder covering-colours. Patterns coloured with the dyes.
WEISSFLOG, E. F.	Prussia : Gera, Reuss	Morinos, and brocaded "Satin de Chine"	12	Specimens of Tilihet and satin-de-laine ; the same figured. Piece of embroidery on velvet.
WELCH SLATE COMPANY, the	Wales : Festiniog	Slate from Festiniog	1	Slate from Festiniog, Merionethshire.
WELCH, MARGETSON, and Co.	England : 17 Cheapside	Printed silk handkerchiefs	18	A selection of silk handkerchiefs, manufactured from China silk, and Indian Corals, printed by the exhibitors.
WELCH, MARGETSON, and Co.	As above	Braces, carriage rugs, ties, cravats, &c.	20	Robe-de-chambre, dress stock, dress full front stock ; wove, and embroidered linen shirt fronts. Improved travelling flannel shirt. Prince of Wales' belt. Cantab braces.
WELCH and SONS	England : 44 Gutter-lane	Hats and bonnets	20	Specimens of wheat-straw, straw platts, bonnets.
WELCH, Thos.	England : Merton	Printed table covers	18	Printed and embossed cloth drawing-room table-covers, different designs and colourings.
WELCKER, A. C.	Prussia : Wallersheim, near Coblenz	Potato starch	4	Farina, or improved potato starch ; the same, ground. Extensively used for stiffening muslins.
WELLS, J. T.	England : Birmingham	Buttons	22	Horn buttons.
WEMMER, J.	Luxemburg	Shoes for labouring men.	20	Hunting boots. Shoes and boots, with single and double soles.
WESHAM LAKE ICE COMPANY	England : 164 Strand	Refrigerator	22	Ice-safe or refrigerator, lined with glass enamel. Syphon water filter.
WERTHEIM, F.	Austria : Vienna and Scheibbs	Tools	21	An extensive variety of cabinet-makers', cooper's, carriage-makers', leather-dressers', and turners' tools.
WESENTELD and Co.	Prussia : Barmen	Sulphate of soda	2	Samples of soda-ash, for glass manufacturers ; caustic soda, from the red mother liquor of soda-ash, for soap-boilers ; chloride of lime after anti-there, a preparation for neutralising chloride of lime after bleaching, for paper-makers.
West and Son	Ireland : Dublin	Irish brooches	23	Jewellery, embellished with Irish pearls and other gems, copied from antique Irish ornaments.
WESTALL and Co.	England : 69 Aldersgate-street	Manufactures in whalebone	28	Samples of whalebone and manufactures from the same.
WESTLEY, J.	England : Playhouse-yard, Blackfriars	Footbinding	17	Specimens of bookbinding by hand and by machinery.
WESTLES and Co.	England : Friar-street, Doctors' Commons	Bookbinding, &c.	17	Specimens of bookbinding, in plain and ornamental styles.
WESTMANS, A. H.	Prussia : Bielefeld and Cologne	Hammock and other linens	14	Various samples of white linen bed flannel, manufactured from flax, spun by hand, woven on hand looms, and bleached on grass.
WATSONLAND, J.	England : Derby	Electrical machine	10	Quina patcha electrical machine.

DESCRIPTION OF ARTICLES EXHIBED.

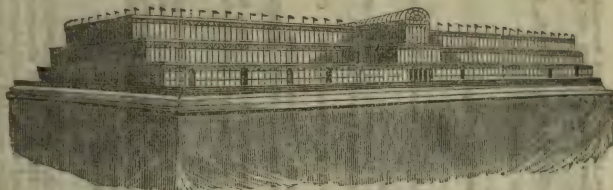
NAME.	LOCALITY.	ARTICLES REWARDED.	Class	DESCRIPTION OF ARTICLES EXHIBED.
WESTON, W. . .	Western Africa . . .	Oils, &c.	4	Teak timber or African oak, for ship building, &c. Iron-stones, with the seed. Cotton cleaned without the seed. Palm oil. Benne seed and ground nuts, from which oil is extracted. Arrow-root. The root of arrow-root. Shea butter. Ginger. Coffee. Red pepper. Cayenne pepper. Gum copala. African mats and small baskets, made there from dried grass. African cloths, made there from their own cotton. All the produce of the Western coast of Africa.
WESTRUP, W. and Co.	England : 282 Wapping . .	Corn mill	6	Men's, women's, children's, and boys' hose, half hose, gloves, jackets, drawers, caps, and other articles of hosiery.
WEZ and LESNER . .	Saxony : Chemnitz . . .	Hosiery of great excellence . .	20	Clocks and candleabra in bronze ; statuettes and groups in artistic
WEYGAND, A. . .	France : 138 Vieille Rue du Temple, Paris . . .	Vase	23	Concertinas, treble, baritone, concert tenor, concert bass, double, &c.
WHEATSTONE and Co.	England : 20 Conduit-street . .	A novel invention of a portable harmonium . . .	10a	Symphonion. Portable harmoniums.
WHITTLE, J. A. . .	America : Boston . . .	Daguerreotype of the moon . .	10	Daguerreotypes.
WHITE, T. J. and R. . .	England : Isle of Wight . .	Models of fine sailing and steam vessels, and yachts . .	8	Model of the steam-ship Vassilet Tigaret, built for the Turkish Government. Designed for a 50-gun frigate, and for the first transatlantic steam-ship ; Medina steam-ship. Design for an ocean steam-ship of 3,000 tons. Steam-ship Vercis, built for the Peninsular and Oriental Company. Models of life-boats. Screw, steam, and sailing-ships of 2,500 tons.
WHITE, J. B. and Sons . .	England : Westminster . .	Illustrations of Portland and other cements . .	27	Illustrations of the strength of cement. Specimens of cements and plasters used for building purposes. Illustrated by panels, pavements, skirtings, &c. Also trials, showing resistance of Portland cement. Specimens of concrete blocks.
WHITE, —	Ireland : Belfast . . .	Flax	4	Specimens of flax.
WHITE, J.	England : Isle of Wight . .	Models of vessels for merchant service & yachts, designed & built by him . .	8	Design for a new 90-gun ship. Models of H. M. S. Victory, Phaeton, steam-ship Tiger, and brig Waterwitch, Daring, and Contest. Models of a schooner and a cutter yacht, Victoria yacht, built for the Emperor of Russia.
WHITE, J. C. . . .	England : 29 Liverpool-street . .	Silver-mounted harness with improved registered tug	16	Harness.
WHITEHEAD, J. . .	England : Preston . . .	Tile machine	9	Silver mounted harness with improved tug. Light pony and tandem machines for the manufacture of drainage pipes and tiles. New machine for making and pressing bricks.
WHITEHILL, M. and Co. . .	Scotland : Paisley . . .	Merino slawls	15	Scarfs, with tambooured ends ; and shawls, handkerchiefs, and vest embroidered. Satin aprons, and babies' robes. Tambooured embroidered dresses, &c. Silk dresses.
WHITEHOUSE and Co. . .	England : Wolverhampton . .	Iron tubes and fittings . .	22	embroidered dresses, &c. Silk dresses. Tubes and fittings for steam, gas, and water. Amalgamated Sweden iron for gun-barrels.
WHITESIDES, — . . .	Van Diemen's Land : Hobart Town . .	Collection of woods . . .	4	Black wood of Tasmania, polished on one side ; myrtle wood ; musk
WHITLEY, E.	England : Yeovil . . .	Habit lamb-skin gloves . .	20	Skin in various stages of manufacture, and gloves. Window cornices, in stamped brass-foundry, with velvet, wainscot and knotted oak, rosewood, and white enamel ground. Wrought
WHITFIELD, S. . . .	England : Birmingham . .	Brass cornices, &c. . .	22	iron fire-proof safes.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
WHITLOCK and BULLMAD ..	England : Nottingham ..	Laces	19	Machine-wrought cotton, Mechlin laces, needle embroidered. The groundwork made from No. 520 yarns, spun and doubled.
WHITMEE and CHAPMAN ..	England : 18 Fenchurch-street	Coffee-mills	22	Coffee-mill, corn crushers, machine for grinding and dressing flour at one operation ; smoke-jack.
WHITWELT, J. and Co., ..	England : Kendal	Carpets	19	Kiadenminster carpeting. Twilled Venetian carpet, woven in a powerloom. Improved Brussels carpet. Berlin hearth-rug, new design and material.
WITSMAN, A. and Co. ..	Prussia : Augustenhütte, near Bonn	Products of distilled schist.	2	Mineral oil, bituminous paper coal, fossil black, paraffine, and fire-laces.
WRIGHT, Dr.	India	Collection of various specimens of cotton.	4	Collection of various specimens of cotton.
WYERAM, M. and Sons ..	England : Blackwall ..	Models of sailing and steam vessels, both paddle and screw ; designed & built for various merchant's services	8	Half models of ships.
WILD and ROBINSON ..	Prussia : Birkenfeld, Oberstein	Vases	23	Bronzes, flower vases, bracelets, &c., of agate.
WILDEY and Co.	England : Southwark ..	Mats, &c., of cocoa-nut fibre	23	Cocoa-nut fibre floor mattings, door mats, netting, &c. Cocoa-nut husks, fibre.
WILFORD, J. and Son ..	England : Brompton, near Northallerton	Plain and fancy drills, and China grass sheeting ..	14	Bleached sheeting, made from China grass, white linen drills for military trousers. New drills, Commodore and Wellington.
WILKINS and WEATHERLEY ..	England : Wapping ..	Fine iron wire	1	Smith's galvanised and ungalvanised iron and copper wire ropes.
WILKINS and WEATHERLEY ..	As above	Metal ropes	22	Metal ropes.
WILKINS, W. C.	England : 24 Long Acre ..	Revolving floating light ..	7	Lantern and revolving apparatus for revolving light. Reciprocating dioptric apparatus for lighthouse.
WILKINSON and Son	England : 27 Pall Mall ..	Guns, rifles, pistols, and swords. Swords highly ornamented	8	Gan, with spiral recoil spring, for wild-fowl shooting. Fowling pieces. Rifle. Silver-gilt scimeter, ornamented with precious stones, &c. Regulation swords, &c. Highland claymore. Illustrations of the manufacture of gun barrels and sword blades.
WILKINSON, T. and G. ..	England : Sheffield ..	Scissors	21	Duplicate specimen of scissors manufactured for the Queen, with the ornamental work filed out of solid steel. Large assortment of scissors and shears.
WILKINSON and Son ..	England : Grimesthorp, Sheffield	Sheep shears, vice, & chains	21	Sheep and horse shears ; shears for gloves, thatchers, and weavers.
WILKINSON, T.	England : 309 Oxford-street	Churn	9	Improved baker's mangle. Improved box churn.
WILKINSON John	England : Leeds	Felt cloths for ships' sheathing & other purposes	12	New ship sheathing. Padding and wadding. Medical cloth backed with India-rubber, &c. Gun wadding.
WILLIAMS, J. and Son ..	England : Clerkenwell ..	Poses	29	Son's used by cloth manufacturers, lace-bleachers, and wooden-manufacturers. Scouring soap. Mottled and yellow soap. Fancy soap, perfumed.
WILLIAMS, C. O.	England : Glasshouse-yard, Gosport	Toilet and common soaps	29	Duplicate specimen of scissors manufactured for the Queen, with the ornamental work filed out of solid steel. Large assortment of scissors and shears.
WILLIAMS, W.	England : Bedford ..	Railway carriages	3	Railway carriage made of East India Moulmein teak, unpainted.
		Light and heavy barrows	3	Four beam iron barrow. Wrought-iron ploughs. Chaffcutting machine for making drain pipes, &c.

NAME.	LOCALITY.	ARTICLES REWARDED.	Class.	DESCRIPTION OF ARTICLES EXHIBITED.
WILLIAMS, J.	England : 29 Bucklersbury	Account books	17	An assortment of ledgers.
WILLIAMS, H.	Ireland : Dublin	Eccentric ivory turning	28	Eccentric ivory turning without eccentric chuck.
WILLIAMS, DUCK MANUFACTURING COMPANY	America	Cotton sailcloth	11	Cotton sailcloth.
WILLOCK, E. P. and Co.	England : Manchester	Lady-shore terra cotta	27	Specimen of lady-shore terra cotta.
WILLS and BARTLETT	England : Kingston-on-Thames	Book-case and candelabra	26	Book-case of walnut-tree, combined with other woods in relief. Pair of candelabra, of three woods, in their natural colours.
Wilson, J. and Son.	Scotland : Glasgow	Alum	2	Alum slate, raw and manufactured. Iron pyrites and sulphate of iron. Sulphate of ammonia obtained from the distillation of coal.
WILSON, J. J. and W.	England : Kendal	Railway wrappers and Windermere rugs	12	A rare specimen of naphthaline.
WILSON, WALKER, and Co.	England : Leeds	An assortment of coloured sheep, morocco, and calf leather	16	Railway wrappers. Stout horse-clothing ; also fine and light, for race-horses.
WILSON and Son	Ireland : Drogheda	Thread hosey with lace fronts	20	Coloured sheep-leather skivers ; coloured roans ; roller leather, for silk and cotton spinning ; chamois, or wash leather. Coloured calf and morocco.
WILSON and Sons	England : Sheffield	Shoe and butchers' knives	21	Balbreggan stockings.
WILSON, R. and Co.	England : 49, Wardour-st., Soho	Baths, various	22	Knives for shoemakers, butchers, cocks, curriers, farriers, glaziers, and weavers ; palette knives, bread knives, butchers' steels.
WILSON, G.	England : 27, St. Martin's-court, Leicester-square	Paper and mill-board cutting machine	6	Baths of various descriptions.
WILSON, T. H.	England : Twickenham	Gate-bolts & slides for doors	7	Paper and mill-board cutting machines.
WINDLE and BLYTHE	England : Walsall	Locks and steel pens	22	Slides for excluding the wet and the cold from hall doors, shutters, hatchways, and port-holes. Invention for securing carriage gates and coach-house doors.
WINKELMANN and Sons	Prussia : Berlin	Colours & lithographic prints	30	Model of Strutt's door lock. Locks, corkscrews. Compensating and other steel pens.
WINKLER and Son	Saxony : Koechlitz	Chambré fabrics, mérinos, &c.	12	Lithographic prints ; coloured and executed by the exhibitors.
WINKWORTH and PROCTERS	England : Manchester	Shot and glacé gros, and figured and chiné silks	13	Worsted stuffs from soft worsted yarn ; satin double ; maroquin laine ; cuir laine ; popeline laine ; velours laine ; velours rayé : Cachemire electa.
WINSON and NEWTON	England : 38, Rathbone-place	Artists' colours	2	Figured silks. Chiné silks, striped, watered, and plain silks.
WINTERFELD, J.	Prussia : Breslau	Manufactures in amber	29	Artists' pigment. Brushes and pencils for drawing and painting.
WIRTZ, J.	Switzerland : Berne	Wood carving	28	Canvas. Palettes.
WISDOM, RUSSELL, & WHITMAN	America : Cleveland, Ohio	Specimens of curled hair for furniture	16	Articles in yellow and white amber ; vase of yellow amber ; set of chess-men ; set of ladies' ornaments ; buttons for ladies' dresses ; amber top with a meerschauum pipe.
WITTROP and Co.	Prussia : Brunswick	Macaroni, vermicelli, &c.	3	A table in white wood, with view of Tell's chapel, and the costumes of the twenty-two cantons. A table, with the view of the Handekall.
WITTICH, KEMMEL, and Co.	Wurtemberg : Geislingen	Carved ivory toys & cane handles	29	A desk, with a view of the Siesbach, and other articles in painted wood. Letter-back, with a view of the Wengeralp.

Specimens of curled hair.
Samples of flour, groats, macaroni, and chocolate manufactured by hand and by steam.
Bone and ivory toys for children. Fancy goods ; cane handles, brooches, baskets.

PARTICULARS OF GLASS ARTICLES



EXHIBITED by Messrs. COGAN and Co., No. 48, LEICESTER SQUARE, LONDON, at the
GREAT EXHIBITION OF 1851.

A MODEL OF THE GREAT EXHIBITION BUILDING

CONSTRUCTED OF GLASS AND METAL, and containing nearly 10,000 joints and perforations; made from the drawings of the Commissioners, upon the exact scale of 1 inch to 20 feet; coloured on the outside white and blue, and, in all respects, both externally and internally, correct; containing the Galleries, Staircases, Landings, Pillars, Girders, &c.,—can be packed to travel safely to any part of the world.

A PORTABLE GLASS PAVILION.

Intended for Lawns, Pleasure Grounds, or Ladies' Tents, at Fancy Fairs, and can be formed as Verandas or Window Gardens, Dining-room screens, &c. It is comprised of the undermentioned descriptions of ornamental Glass—Enamelled, Vitrified, Embossed, Machine Etched, Painted, Stained, Engraved, Silicated, or Marbled, and Texturalised, or Lace-work, surmounted.

A NEW GLASS CHURN.

This contrivance is chiefly recommended for its cleanliness. The dashers and inward arrangement being of wood only, totally free from metal of any kind, the wood action working on a glass centre is more easily kept sweet than any other churn, and is also easily worked. One of these churns (now deposited in the Agricultural Museum, Kildare-street, Dublin) obtained the prize of the Royal Dublin Agricultural Improvement Society, at their Meeting held on the 13th of August. All who wish one of the first delivery will please send name and address by early post. Glass milk pans, milk syphons, milk testers, pastry slabs, cream pots, and all other dairy glass.

A GLASS FERN SHADE.

The stand is of wood, capped with Ornamental Glass, with Glass Mouldings; upon this Six Glass Pillars, of twisted form, support a Pediment of Glass, which is surmounted by a dome of Glass; in all about 4 feet high. The Ferns were planted six months since, and though they have had no attention paid them from the time of planting, are growing luxuriantly. Other Small Fern Shades can also be had.

CONSERVATORY AND HOT-HOUSE GLASS.

Small Glass for pit frames and other garden lights, ready packed in boxes of every size, from 1d. per foot; Hartley's rough plate, strong sheet, and every kind of window glass.

THE EXHIBITION GLASS PEN.

This Pen is formed out of a tube of Glass, and is blown into a bulb at the bottom, which being drawn to a point, represents, as nearly as possible, an ordinary pen: a very fine hole is then ground through which the ink will pass into the bulb. By simply leaving the pen in the inkstand for a few minutes, if then taken out and wiped dry, it will write twenty letters, or may be used a whole day without the trouble of dipping, and (the ink being inside), neither fingers nor paper can be soiled. These pens have been sent to all parts of the world, and will, no doubt, become universally used.

GLASS RULERS.—GLASS PAPER-KNIVES.

PATENT GLASS LETTERS FOR SHOP FRONTS, LAMPS, WINDOW TABLETS, &c.

GLASS PASTRY OR BUTTER SLABS.

The surface and polish of Glass being much harder and smoother than marble, slate, or wood, and of a cool nature, is considered to be preferable to either, and more easily kept clean. In conjunction with the above, the Stock comprises Glass Pastry Pins, Glass Knives, Glass Cream Pots, Glass Milk Pans, Glass Preserve Jars, Glass Milk Testers, Syphons, for separating Milk from Cream, and other articles for Dairy purposes; Bee Glasses, Glass Slates, Glass Tiles, Striking, or Preserving Glasses, Bouquet Glasses, Hyacinth Glasses, Flower Labels, and samples of Garden Glasses generally. Rough Plate Glass for conservatories, Railway Stations, &c.: Glass Shades for covering Clocks and Ornaments. For priced catalogues, estimates, or other information, apply, either personally or by letter, to Messrs. COGAN and CO., Window Glass and Glass Shade Warehouse, 48, Leicester-square, Lead Pipe and Colour Warehouse, 5, Princes-street, Coventry-street; No. 6 and 8 stands, Illustrated Bazaar, Hungerford Market.

For description of other Goods we deal in and manufacture, please read Catalogue.

Art Union of London.

444, WEST STRAND.

Instituted 1837. Incorporated by Royal Charter, 10th Victoria, 1847.

PLAN FOR THE CURRENT YEAR.

Every Subscriber of One Guinea for 1852 will be entitled to:—

- I. An impression of a large and costly Plate, thoroughly national in its character, engraved in line by W. Holl, from the picture by W. P. Frith, A.R.A., "An English Merry making in the Olden Time," now ready for delivery at the office; and
- II. The chance of obtaining one of the Prizes to be allotted at the General Meeting in April, which will include—
 1. The right to select for himself a valuable work of art from one of the public exhibitions.
 2. Bronze Casts.
 3. Statuettes in Porcelain, } made expressly for the Society.
 4. Tazzes in cast-iron,
 5. Proof impressions of a large Plate, engraved in line by W. Finden, from Hilton's celebrated picture, "The Crucifixion;" and
 6. Proof impressions of a Plate of "Queen Philippa interceding for the Burgesses of Calais," now being engraved by H. Robinson from the original prize picture by H. C. Selous.

GEORGE GODWIN, } Honorary Secretaries.
LEWIS POCKOCK, }

Jan. 1st, 1852.

Dr. LOCOCK'S PILLS

ARE known throughout the World to be the BEST and SAFEST MEDICINE for LADIES. Sold by all Patent Medicine Vendors. The words "LOCOCK'S FEMALE PILLS" are engraved on the Government Stamp.

ALPACA UMBRELLAS.

100,000 AND UPWARDS OF THESE UMBRELLAS HAVING BEEN PURCHASED BY THE PUBLIC, the Licensees and the Patentees deem this a sufficient proof that its advantages have been fairly demonstrated, and their anticipation of its superiority over any other material for an Umbrella has been fully borne out. These Umbrellas are now sold by most dealers in the kingdom, from 10s. 6d. each, and may be had wholesale of several large manufacturers, who have taken Licenses, as well as of the Patentees, at their Wholesale and Shipping Warehouse, 75, CHEAPSIDE. A large assortment of Umbrellas of various colours, of the best English and French Silks, and the PATENT PERLEVIS UMBRELLA, the lightest ever offered to the public.

W. & J. SANGSTER, Patentees,

140, REGENT-STREET, 94, FLEET-STREET, 10, ROYAL EXCHANGE, and 75, CHEAPSIDE.

Sole Agents for the United States, Messrs. F. DERBY & Co., 12, Park Place, New York.

DENT'S PATENT WATCHES AND CLOCKS.

E. J. DENT begs leave to inform the Public that in addition to his extensive Stock of CHRONOMETERS, WATCHES, and CLOCKS, he has purchased most of the Watches manufactured in Switzerland for the purpose of the EXHIBITION of 1851. E. J. DENT therefore solicits an inspection of his Stock, amongst which is the

Smallest Watch in the World,

That attracted so much curiosity and admiration whilst at the Exhibition. Ladies' Gold Watches, 3 guineas; Gentlemen's, 10 guineas; Youths' Silver Watches, 4 guineas; durable Lever Watches, 6 guineas.

E. J. DENT, WATCH AND CLOCK MAKER,

By appointment to the Queen, H.R.H. Prince Albert, and H.I.M. the Emperor of Russia.

61, Strand (late 82), 33, Cockspur-street, and 34, Royal Exchange (clock tower area).

TEETH.

MR. T. GODFREY, M.D., 51, MARGARET STREET, Regent-street, continues to SUPPLY ARTIFICIAL TEETH, of an unequalled beauty and durability, on his peculiar new system of self-adhesion, which has been so highly recommended and approved of by the most eminent members of the dental and medical profession. While Mr. G.'s teeth and materials are of the purest description, his fees are the same as those usually made for the most ordinary kind. Stopping, Sealing, Regulating, &c. 51, Margaret-street, Regent-street.

RADLEY'S FAMILY AND COMMERCIAL HOTEL.

RADLEY'S
HOTELS,
New Bridge Street,
Blackfriars, London;
and Opposite the
Railway Terminus,
Southampton.



RADLEY'S
HOTELS,
New Bridge Street,
Blackfriars, London;
and Opposite the
Railway Terminus,
Southampton.

Radley's Hotel, New Bridge Street, Blackfriars,
HENRY HOLT, Successor to the late Mr. Radley, begs to inform
the public that this well-known Establishment, in addition to Hotel Accommodation for
Families and Gentlemen, comprises large Rooms for Banquets, Soirees, Meetings, Masonic Lodges, &c.
The Cuisine and Wines are of the first character, and a Fixed Charge for attendance.

MARBLE AND STONE WORKS, Bear Yard, Lincoln's Inn Fields, London.

J. GAGAN begs most respectfully to
solicit the favour of your Orders. The long ex-
perience he has had in the selection of the materials, and
the working of them to Order and Design, is a guarantee
of his superior execution, at Prices that cannot be com-
peted with.

Chimney Pieces, &c., on view, to meet immediate demands,
and always prepared to execute Orders.



N.B.—GENERAL MASONS' WORK TO ANY EXTENT, BY CONTRACT AND TO DESIGN.

WHITE AND
ORNAMENTAL



BROWN
LAVA.

PATENT METALLIC LAVA,
Manufactured only by Messrs. ORSI and ARMANI.
FOR THE INTERIOR OF CHURCHES, MUSEUMS, HALLS,
VESTIBULES, CONSERVATORIES, &c., &c. For Foot Pavement, Flooring, Covering
Railway Arches Terraces, Roofs, &c., &c.

SAMPLES LAY FOR INSPECTION.

List of Prices, and every Particular, may be obtained at the Office,
6, GUILDHALL-CHAMBERS, BASINGHALL STREET, CITY,
And at the Office of "The Builder."

J. CROSS,
CARPENTER, BUILDER, AND UNDERTAKER,
279, HIGH HOLBORN, AND 27, EAGLE STREET.
ESTABLISHED 1827
N.B.—FUNERALS PERFORMED IN TOWN OR COUNTRY.

GRESHAM LIFE ASSURANCE SOCIETY,

FOR ORDINARY & "DECLINED" LIVES.

OFFICES—37, OLD JEWRY, LONDON.

Trustees.

MATTHEW MARSHALL, Esq., Bank of England.
STEPHEN OLDING, Esq., Lombard Street.
WILLIAM SMEE, Esq., Bank of England,

Auditors.

GEORGE H. LADBURY, Esq. | THOMAS PERRY, Esq.
GEORGE LOWE, Esq., F.R.S. | WILLIAM WHITELOCK, Esq.

Directors.

WILLIAM TABOR, Esq., *Chairman.*
JOHN BEADNELL, Esq., *Deputy Chairman.*
FREDERICK A. DAVISS, Esq. | EDWARD SOLLY, Esq., F.R.S.
J. LYNE HANCOCK, Esq. | W. H. THORNTHWAITHE, Esq.
DAVID LLOYD, Esq. | GEORGE TYLER, Esq.
ALFRED SMEE, Esq., F.R.S. | JOSEPH WILLIAMS, Esq.

Bankers—Messrs. ROGERS, OLDING, SHARPE, and Co.

Medical Referee—ALFRED SMEE, Esq., F.R.S., Surgeon to the Bank of England.

Solicitor—T. H. DEVONSHIRE, Esq., 29, Austin Friars.

Secretary—THOMAS ALFRED POTT, Esq.

This Office will be found highly eligible for every description of Life Assurance.
Perfect Security is guaranteed by an ample paid-up capital subscribed by persons of the
best character and respectability.

The Policies are indisputable unless procured by fraud, and claims are promptly and
generally settled.

Policies may be effected without loss of time, the Directors, together with the Medical
Officers, being in attendance at the Office every day.

The lives of individuals whose habits are regular and temperate, and who, though neither
aged, nor strongly predisposed to disease, have been declined by other Offices, are Assured
at equitable rates; hence the probability of Lives being rejected by the "GRESHAM" is
reduced to the narrowest limit.

Policy-Holders may obtain loans on real or personal security.

The funds of the Society are invested in the most advantageous manner, so as to promote
security, and to afford the largest possible bonus to the Assured at the periodical divisions.

The management of the Society is conducted in the most economical manner, as is shown
in the Annual Reports.

Upwards of three thousand Proposals for Assurance were received during the three years
ending July, 1851, amounting in the aggregate to nearly a Million and a Half Sterling! and
the Directors were enabled to invest upwards of Twenty-five Thousand Pounds in such
investments, chiefly from the Premiums taken.

A liberal Commission allowed to Agents and Solicitors.

N.B.—Active and influential persons will be appointed in districts where the Society is
not already represented.

THOMAS ALFRED POTT, Secretary.

PALLADIUM LIFE ASSURANCE SOCIETY.—Established 1824

DIRECTORS.

Captain C. J. Bosanquet, R.N.
Robert Cheere, Esq.
Patrick Colquhoun, Esq., LL.D.
Charles Elliott, Esq., F.R.S.

Sir James Buller East, Bart., M.P.
William A. Guy, M.D.
Henry Harvey, Esq., F.R.S.
James Murray, Esq.

Philip Rose, Esq.
Samuel Skinner, Esq.
William Thomas Thornton, Esq.
Joseph Esdaile, Esq.

Physician—Seth Thomson, M.D.

NEW RATES OF PREMIUM.—The Directors of this Society, with the view of meeting the wants and wishes of the large class of persons who prefer the present advantages of reduced premiums to a prospective bonus in the shape of an addition to their policies, have constructed a new scale, based on the safest and most approved data, viz., the Experience Tables, recently compiled by a Committee of Actuaries from the records of seventeen of the leading London offices.

The Society now offers the following advantages:—

The lowest Scale of Premium which can be safely adopted.

EXAMPLE TO ASSURE £100.

AGE.	FOR ONE YEAR.	FOR SEVEN YEARS.	FOR WHOLE LIFE.
	£ s. d.	£ s. d.	£ s. d.
20	0 15 11	0 16 6	1 13 1
30	0 18 5	0 19 6	2 2 10
40	1 2 8	1 4 10	2 18 7

Other ages at proportionate rates.

Undoubted security, guaranteed by a large capital; an influential proprietary; the long standing of the office; and the satisfactory results of its business. Facility in the settlement of claims. Liberty to travel in any part of Europe without extra premium. Loans equivalent to the value of the policy. To those who desire to secure the advantages of a prospective bonus, by a small additional sum, the deed of settlement assigns four-fifths of the profits. Bonuses may be commuted for equal reductions of premium at the option of the assured, by which arrangement the amount of premium assured may be kept up at a continually decreasing cost. Insurances effected on joint as well as on single lives, for short terms or otherwise, and to meet any specified contingency. The age of the life assured is admitted on the policy at the time of effecting the assurance, or at any other time, on production of satisfactory proof.

Every information and assistance will be given to assurers, either at the Offices, 7, WATERLOO PLACE, LONDON; or by the Society's Agents, established in all principal towns.

Actuary and Secretary—JEREMIAH LODGE, Esq.

THIRD SEPTENNIAL BONUS.

CROWN LIFE ASSURANCE COMPANY.

33, NEW BRIDGE STREET, BLACKFRIARS, LONDON.

DIRECTORS.

George H. Hooper, Esq., Chairman.
Sir John Kirkland, Deputy Chairman.
John Chapman, Esq.
Charles Chippindale, Esq.
James Colquhoun, Esq., LL.D.

B. D. Colvin, Esq.
Rear-Admiral Dundas, C.B., M.P.
W. H. Goschen, Esq.
George Hankey, Esq.
James Mitchell, Esq.

John Nelson, Esq.
Octavius Omsaunt, Esq.
Alexander Stewart, Esq.
William Whitmore, Esq.
William Wilson, Esq.

Auditors—J. R. Gardiner, Esq. Park Nelson, Esq. Walker Pitcairn, Esq.

Physician—Sir C. F. Forbes, M.D., K.C.H., 23, Argyle-street.

Surgeon—John Simon, Esq., F.R.S., 3, Lancaster-place, Strand.

Standing Counsel—Charles Ellis, Esq. Solicitors—Messrs. Hale, Boys, and Austen.

Bankers—Bank of England. Actuary—J. M. Rainbow, Esq.

On a THIRD SEPTENNIAL INVESTIGATION into the affairs of this Company, to the 31st MARCH, 1846, a BONUS, amounting on the average to 31 per cent. on the Premiums for the preceding Seven Years, was assigned to all Policies of at least Three Years' standing effected for the whole duration of life.

To similar Policies the following Bonuses were declared at former Divisions, viz.:—FIRST DIVISION, in 1832, on the average, upwards of 26 per cent. on the Premiums paid. SECOND DIVISION, in 1839, on the average, 33 per cent. on the Premiums paid for the preceding seven years.

The advantages of this Office, among others, are:—1. A participation septennially in two-fifths of the Profits, which may be applied either in reduction of the Premium, or to augment the sum assured. 2. Premiums may be paid in a limited number of annual sums, instead of by annual payments for the whole of life; the Policy continuing to participate in profits after the payment of such Premiums has ceased. 3. The Assurance or Premium Fund is not subject to any charge for interest to Proprietors. 4. Permission to pass to Continental Ports between BRASS and the East Indies. 5. Parties (including Officers of the Army, Navy, East India Company, and Merchant Service) may be assured to reside in or proceed to all parts of the World, at Premiums calculated on the basis of 6. Claims to be paid within three months. 7. The Assured may dispose of their Policies at the Company. 8. No charge but for Policy Stamps. The Prospectus, Tables of Rates, &c., to be had at the Office in London, or of the Company's Agents.

T. G. CONYERS, Secretary.

UNITED KINGDOM LIFE ASSURANCE COMPANY,

Established by
Act of Parliament
in 1834.



Established by
Act of Parliament
in 1834.

8, WATERLOO PLACE, PALL MALL, LONDON.
81, GEORGE STREET, EDINBURGH.
12, SAINT VINCENT PLACE, GLASGOW.
4, COLLEGE GREEN, DUBLIN.

HONORARY PRESIDENTS.

Earl of Courtown.
Earl Leven and Melville.
Earl of Norbury.

Earl of Stair.
Earl Somers.
Lord Viscount Falkland.

Lord Elphinstone.
Lord Belhaven and Stenton.
Wm. Campbell, Esq., of Tillichewan.

TRUSTEES.

Charles Graham, F.S.A., Esq.; Edward Lennox Boyd, F.S.A., Esq.;
Charles Downes, Esq.; and F. C. Maitland, Esq.

LONDON BOARD.

Charles Graham, F.S.A., Esq., *Chairman*. Charles Downes, Esq., *Deputy Chairman*.
W. Blair Avarne, Esq. William Fairlie, Esq. William Railton, Esq.
E. L. Boyd, Esq., F.S.A., *Resident*. D. Q. Henriques, Esq. F. H. Thomson, Esq.
Charles Berwick Curtis, Esq. J. G. Henriques, Esq. Thomas Thorby, Esq.
F. Charles Maitland, Esq.

Auditors—G. Stephens, Esq.; and M. Wilson Boyd, Esq.

Secretary—Patrick Macintyre, Esq. *Actuary*—John King, Esq.

Bankers—Bank of England; Messrs. Cocks, Biddulph, and Co., 43, Charing Cross; and
Union Bank of London, 4, Pall Mall East.

Surgeon—F. Hale Thomson, Esq., 48, Berners-street.

Solicitors—Messrs. Tatham, Upton, Johnson, Upton, and Johnson, 29, Austin Friars, City.

THIS COMPANY, Established by Act of Parliament in 1834,
affords the most perfect security in a large paid-up capital, and in the great success which
attended it since its commencement, ITS ANNUAL INCOME BEING UPWARDS of £120,000.

Second Septennial Division of Profits among the Assured.

In 1841 the Company declared a bonus of £2 per cent. per Annum on the Sum insured, to all
Policies of the Participating Class, from the time they were effected to the 31st December, 1840;
and from that date to 31st December, 1847, £2½ per cent. per annum was added at the General
Meeting on the 6th July, 1848.

The Bonus thus added to Policies from March, 1834, to the 31st December, 1847, is as follows:—

Sum Assured.	Time Assured.	Sum added to Policy in 1841.	Sum added to Policy in 1848.	Sum payable at Death.
£1,000	13 Yrs. 10 Mths.	£628 6 8	£787 10 0	£6,470 16 8
500	1 Year.	...	112 10 0	5,112 10 0
1,000	12 Years.	100 0 0	157 10 0	1,257 10 0
1,000	7 Years.	...	157 10 0	1,157 10 0
1,000	1 Year.	...	22 10 0	1,022 10 0
500	12 Years.	50 0 0	73 15 0	628 15 0
500	4 Years.	...	45 0 0	545 0 0
500	1 Year.	...	11 5 0	511 5 0

The Premiums, nevertheless, are on the most moderate scale, and only one-half need be paid
for the first Five Years, when the Insurance is for Life.
Every information will be afforded on application to the Resident Director, at the Office,

8, Waterloo Place, London.

CITY OF LONDON LIFE ASSURANCE SOCIETY.

for ACCUMULATIVE AND GENERAL ASSURANCES, No. 2, ROYAL EXCHANGE BUILDINGS. Incorporated by Act of Parliament, 7th and 8th Vict., cap. 119.

DIRECTORS:

Richard Corrie Bache, Esq.
James R. Bennett, Esq., M.D.
William Betts, Esq.
John Blakeway, Esq.
Charles Collick, Esq.
George Morley Dowdeswell, Esq.

Frederick A. Darnford, Esq.
Robert Keate, Esq., Sergeant.
Surgeon to the Queen.
Stephen H. Lee, Esq.
John Powis, Esq.
Lieut.-Col. Rowland, R.A.

William Simpson, Esq.
William Thacker, Esq.
William A. Thomas, Esq.
Francis Watts, Esq., F.R.S.
George Watson Wood, Esq.

AUDITORS:

Hugh J. Cameron, Esq., Royal British Bank. James Jell Chalk, Esq., 80, Warwick-square, Fimble.
H. W. West, Esq., 5, Sergeant's Inn.
PHYSICIAN—James R. Bennett, Esq., M.D., 15, Finsbury-square.
SURGEON—G. W. Macmurdo, Esq., F.R.S., 7, New Broad-street.
PHYSICIAN FOR WEST OF LONDON—R. G. Latham, Esq., M.D., 20, Upper Southwick-street, Hyde Park.
SURGEON FOR WEST OF LONDON—R. L. Thorn, Esq., 31, Upper Belgrave-place, Belgrave-square.
STANDING COUNSEL—Edward S. Creasey, Esq., Temple; and Wm. Sparling, Esq., Old Square, Lincoln's Inn.
ACTUARY—G. J. Farrance, Esq.

This Society embraces every known advantage or convenience offered by any existing Life Office. It combines three distinct yet co-operating systems.

The MUTUAL SYSTEM, securing ALL its advantages without its risks or liabilities of co-partnership, AN IMPORTANT CONSIDERATION TO ASSUREES.

The PROPRIETARY SYSTEM, with the full benefits of its acknowledged SECURITY, SIMPLICITY, and ECONOMY.

The ACCUMULATIVE or DEPOSIT SYSTEM, INTRODUCED BY THIS SOCIETY, which perfects the principle of Life Assurance, the full amount of the Premiums being at all times available to the Assured, a new and valuable extension of the principles of Life Assurance.

Also, HALF-CREDIT PREMIUMS, for stipulated periods, a peculiarly advantageous arrangement for YOUNG LIVES, and for all persons WITH ADVANCING MEANS OR INCOMES; also for assuring the lives of Debtors; also

SELF-PROTECTING POLICIES.

INDISPUTABLE POLICIES.

All further information may be obtained of EDWARD FREDERICK LEEKS, Secretary, 2, Royal Exchange Buildings.

UNION ASSURANCE OFFICE. (FIRE, LIFE, ANNUITIES).

CORNHILL & BAKER STREET, LONDON;
COLLEGE GREEN, DUBLIN: and
GRONINGER STREET, HAMBURG.

Instituted A.D. 1714.

LIFE—Reduced Rates for Young and Middle Ages, with the Guarantee of a Company in existence for nearly 140 years.

The last BONUS (1848) gave ADDITIONS to Policies varying from 25 to 70 per Cent., on the previous Seven Years' Premiums.

Lower Rates without Profits.

Two-thirds only of the Premium may be paid until death.

Decreasing and increasing Rates of Premium, and half-yearly or quarterly.

Loans granted. Medical Fees allowed.

FIRE INSURANCES at the usual Rates, and PROFITS returned on Policies taken out for Seven Years by prompt payment.

Policies Transferred from other Offices without expense.

November, 1851.

THOMAS LEWIS, Secretary.

INSURANCE AGAINST RAILWAY ACCIDENTS.

By the RAILWAY PASSENGERS' ASSURANCE COMPANY. Empowered by special Act of Parliament, 12 and 13 Vict., cap. 40. Offices—No. 3, OLD BROAD STREET, LONDON.

CHAIRMAN—J. D. PAUL, Esq., 217, Strand.

DEPUTY-CHAIRMAN—G. B. HARRISON, Esq., 24, Great Tower-street.

TABLE OF PREMIUMS.—For the convenience of frequent or daily travellers, the Company issues Periodical Tickets at the following rates of Premium, which give the holder the option of travelling in any class carriage, and on any railway.

To insure 1000L. at an annual premium of 20s.
200L. 5s.

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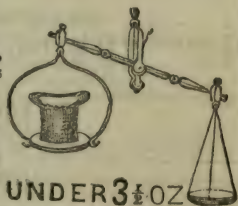
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DEAR SIRS,

College of Chemistry, Liverpool, Tuesday, 14th October, 1850.

THE CASK OF FRENCH WINE VINEGAR came safely to hand. I have submitted it to analysis, and find it to be perfectly pure, i.e., it only contains those matters which are in all fermented grape juice. It is very much liked in my house, being a most agreeable acid.

The reason of my sending to you for Vinegar was on account of the dreadful mixtures sold here under that name; some of the samples I examined contained sugar, oil of vitriol, and arsenic.

Yours truly,

SHERIDAN MUSPRATT, F.R.S.E., Dr. Phil., &c., &c.

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Warm	1	0	Harrowgate or Bran	2	6
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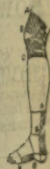
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